

New York State Department of Environmental Conservation
Facility DEC ID: 8342000015



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-3420-00015/00007
Mod 0 Effective Date: 12/02/1999 Expiration Date: No expiration date.
Mod 1 Effective Date: 01/31/2002 Expiration Date: No expiration date.
Mod 2 Effective Date: 04/19/2002 Expiration Date: No expiration date.

Permit Issued To: NYS DEPT OF CORRECTIONAL SERVICES
BUILDING 2 - STATE OFFICE BUILDING CAMPUS
ALBANY, NY 12226

Contact: KEITH D RUPERT
NYS DEPARTMENT OF CORRECTIONAL SERVICES
1220 WASHINGTON AVENUE
ALBANY, NY 12226
(518) 435-9477

Facility: NYS ALBION/ORLEANS CORRECTIONAL FACILITY
3595 STATE SCHOOL ROAD
ALBION, NY 14411

Description:
Mod 2 Project Description:
Permit update that includes revisions to standardize fuel sulfur requirements and to delete an inconsistent opacity compliance condition.

Mod 1 Project Description:
Modification of the initial State Facility Air Permit includes revisions to the opacity compliance certification conditions in order to standardize requirements for NYSDOC facilities across the state. There are no changes proposed to the capping conditions.

Project Description:

Initial State Facility Air Permit for the combined Albion & Orleans Correctional facilities located on State School Road in the town of Albion, Orleans County. The facility consists of two emission units identified as Emission Unit 0-0MAIN, comprised of 3 boilers: one 18.5 MMBtu/hr and two 37 MMBtu/hr that burn either natural gas or numbers 2 or 6 fuel oil, and Emission Unit 0-0SURF, comprised of three spray paint booths. The permit contains federally enforceable conditions which limit emissions of Sulfur Dioxide (SO₂), Volatile Organic Compounds (VOCs) and Oxides of Nitrogen (NO_x) to below the threshold of Title V by restricting the facility wide usage of No. 6 fuel oil (with a maximum sulfur content of 1.5% by weight) to 375,000 gal/yr, No. 2 fuel oil to 425,000 gal/yr (375,000 gal for powerhouse



New York State Department of Environmental Conservation
Facility DEC ID: 8342000015

boilers and 50,000 gal for exempt combustion units, and limiting VOC emissions to 40.9 tons/yr (30 tons fro industrial spray booths and 10.9 tons for remainder of the facility).

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: DAVID L BIMBER
 DIVISION OF ENVIRONMENTAL PERMITS
 6274 EAST AVON LIMA RD
 AVON, NY 14414-9519

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

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 8
HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

Condition 2-1: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 2-1.1:

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

Item 2-1.2:

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

Item 2-1.3:

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



New York State Department of Environmental Conservation
Facility DEC ID: 8342000015

transfer of ownership.

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

Expired by Mod No: 2

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 2-2: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Replaces Condition(s) 4

Item 2-2.1:

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

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

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

Replaced by Condition(s) 2-2

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 8 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 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(716) 226-2466



New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: NYS DEPT OF CORRECTIONAL SERVICES
BUILDING 2 - STATE OFFICE BUILDING CAMPUS
ALBANY, NY 12226

Facility: NYS ALBION/ORLEANS CORRECTIONAL FACILITY
3595 STATE SCHOOL ROAD
ALBION, NY 14411

Authorized Activity By Standard Industrial Classification Code:
9223 - CORRECTIONAL INSTITUTIONS

Mod 0 Permit Effective Date: 12/02/1999



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.1: Definitions Applicable To This Permit
- 14 6NYCRR 201-6.2(c): Facility Permissible Emissions
- *15 6NYCRR 201-6.2(c): Compliance Demonstration
- *16 6NYCRR 201-6.2(c): Compliance Demonstration
- *17 6NYCRR 201-6.2(c): Compliance Demonstration
- 18 6NYCRR 201-7.2: Facility Permissible Emissions
- *19 6NYCRR 201-7.2: Compliance Demonstration
- 23 6NYCRR 225-1: Compliance Demonstration
- 24 6NYCRR 225-1: Compliance Demonstration
- 2-1 6NYCRR 225-1.8: Compliance Demonstration
- 26 6NYCRR 227-1.6(a): Corrective action.
- 27 6NYCRR 227-1.7(b): Emissions data requirements.
- 28 6NYCRR 228.1(g): Once in, always in
- 29 6NYCRR 228.10: Handling, storage, and disposal of volatile organic compounds

Emission Unit Level

- 30 6NYCRR 201-6.2(c): Emission Unit Permissible Emissions
- 31 6NYCRR 201-6.2(c): Process Permissible Emissions
- 32 6NYCRR 201-7.2: Emission Unit Permissible Emissions
- 33 6NYCRR 201-7.2: Process Permissible Emissions

EU=0-0MAIN

- 34 6NYCRR 227-1.2(b): Multiple combustion sources.

EU=0-0MAIN,Proc=GAS

- 1-2 6NYCRR 227-1.3: Compliance Demonstration

EU=0-0MAIN,Proc=SIX

- 1-3 6NYCRR 227-1.3: Compliance Demonstration

EU=0-0MAIN,Proc=TWO

- 1-4 6NYCRR 227-1.3: Compliance Demonstration

EU=0-0MAIN,EP=00001

- 38 6NYCRR 227-1.7(a): Fuel sampling.

EU=0-0SURF

- 1-5 6NYCRR 212.6(a): Compliance Demonstration
- 1-6 6NYCRR 228.4: Compliance Demonstration
- 40 6NYCRR 228.5(c): Alternative Analytical Methods

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



EU=0-0SURF,Proc=ONE

- 41 6NYCRR 228: Compliance Demonstration
- 42 6NYCRR 228.1(a): Applicability and compliance
- 43 6NYCRR 228.3(a): volatile organic compound emission control requirements
- 45 6NYCRR 228.5(a): reports, recordkeeping, sampling and analysis
- 46 6NYCRR 228.5(b): method 24 40 CFR 60
- 47 6NYCRR 228.5(d): samples
- 48 6NYCRR 228.6(a): prohibition of sale or specification
- 49 6NYCRR 228.9: products regulated

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 2-2 ECL 19-0301: Contaminant List
- 51 6NYCRR 201-5: Emission Unit Definition
- 53 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 54 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 55 6NYCRR 201-5: Process Definition By Emission Unit

EU=0-0MAIN

- 2-3 6NYCRR 227-1.2(a)(2): Compliance Demonstration
- 2-4 6NYCRR 227-1.2(a)(2): Compliance Demonstration

EU=0-0SURF,Proc=DRY

- 57 6NYCRR 212.3(a): Emissions from existing sources
- 58 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications
- 59 6NYCRR 212.5(f): Capped sources of VOC and NOx not subject to 212.9(b) for non A-rated contaminants
- 60 6NYCRR 212.11(a): Sampling and Monitoring

NOTE: * preceding the condition number indicates capping. Permit Expiration Date: No expiration date.

Mod 1 Permit Effective Date: 01/31/2002

Permit Expiration Date: No expiration date.

Mod 2 Permit Effective Date: 04/19/2002

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: 8-3420-00015/00007

Facility DEC ID: 8342000015



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: 8-3420-00015/00007

Facility DEC ID: 8342000015

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: 8-3420-00015/00007

Facility DEC ID: 8342000015

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: 8-3420-00015/00007

Facility DEC ID: 8342000015

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 1: Definitions Applicable To This Permit
Effective between the dates of 12/02/1999 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 200.1

Item 1.1:

The definitions found in Parts 200 and 201 apply throughout this permit. Specific definitions used in this permit and their meanings include:

1. "Act" refers to the Federal Clean Air Act, 42 U.S.C. Section 7401, et seq., as amended by Public Law 101-549, November 15, 1990.
2. "Administrator" refers to the Administrator of the United States Environmental Protection Agency or designee.
3. "Department" refers to the New York State Department of Environmental Conservation.

**Condition 14: Facility Permissible Emissions
Effective between the dates of 12/02/1999 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 201-6.2(c)

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



Item 14.1:

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: 007446-09-5 (From Mod 2) PTE: 185,220 pounds per year
Name: SULFUR DIOXIDE

CAS No: 0NY210-00-0 (From Mod 2) PTE: 159,180 pounds per year
Name: OXIDES OF NITROGEN

Compliance Demonstration

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.2(c)

Item 15.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE FACILITY IS CAPPING OUT OF TITLE V WITH A FACILITY-WIDE LIMIT OF 375,000 GAL/YR OF NO.6 FUEL OIL USAGE. THIS LIMIT IS NOT TO BE EXCEEDED DURING ANY CONSECUTIVE 12 MONTH PERIOD. FACILITY-WIDE FUEL USAGE & EMISSIONS WILL BE CALCULATED AS AN ANNUAL MAXIMUM ROLLED MONTHLY.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 6 OIL

Upper Permit Limit: 375000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/31/2000 for the period 12/02/1999 through 12/01/2000

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



Compliance Demonstration

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.2(c)

Item 16.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE FACILITY IS CAPPING OUT OF TITLE V WITH A FACILITY WIDE LIMIT OF 375,000 GAL/YR OF NO.6 FUEL OIL USAGE. THIS LIMIT IS NOT TO BE EXCEEDED DURING ANY CONSECUTIVE 12 MONTH PERIOD. FACILITY-WIDE FUEL USAGE & EMISSIONS WILL BE CALCULATED AS AN ANNUAL MAXIMUM ROLLED MONTHLY.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 6 OIL

Upper Permit Limit: 375000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/31/2000 for the period 12/02/1999 through 12/01/2000

Compliance Demonstration

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.2(c)

Item 17.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



Item 17.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE FACILITY IS CAPPING OUT OF TITLE V WITH A FACILITY WIDE LIMIT OF 425,000 GAL/YR OF NO.2 FUEL OIL (375,000 GAL FOR POWERHOUSE BOILERS & 50,000 GAL FOR EXEMPT COMBUSTION UNITS). LIMIT NOT TO BE EXCEEDED DURING ANY CONSECUTIVE 12 MONTH PERIOD. FACILITY WIDE FUEL USAGE & EMISSIONS WILL BE CALCULATED AS AN ANNUAL MAXIMUM ROLLED MONTHLY.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 425000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/31/2000 for the period 12/02/1999 through 12/01/2000

Condition 18: Facility Permissible Emissions

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 18.1:

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: 0NY998-00-0

(From Mod 2) PTE: 81,800 pounds per year

Name: VOC

Condition 19: Compliance Demonstration

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 19.1:

The Compliance Demonstration activity will be performed for the Facility.

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



Regulated Contaminant(s):

CAS No: 0NY998-00-0

VOC

Item 19.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY IS CAPPING OUT OF TITLE V WITH A FACILITY WIDE LIMIT OF 40.9 TONS/YR VOC EMISSIONS (30TONS/YR FOR INDUSTRIAL SPRAY BOOTHS & 10.9 TONS/YR FOR THE REMAINDER OF THE FACILITY). THIS LIMIT IS NOT TO BE EXCEEDED DURING ANY 12 MONTH PERIOD. FACILITY WIDE VOC EMISSIONS WILL BE CALCULATED AS AN ANNUAL MAXIMUM ROLLED MONTHLY.

Reference Test Method: EPA METHOD 24

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/31/2000 for the period 12/02/1999 through 12/01/2000

Compliance Demonstration

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-1

Item 23.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE FACILITY WILL MAINTAIN A FUEL CONTRACT SPECIFYING A MAXIMUM SULFUR CONTENT BY WEIGHT OF 1.5% FOR NO.2 FUEL OIL. CERTIFICATION LETTERS FROM THE SUPPLIER FOR EACH DELIVERY WILL BE

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



MAINTAINED FOR FIVE YEARS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 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 24: Compliance Demonstration
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-1

Item 24.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THE FACILITY WILL MAINTAIN A FUEL
CONTRACT SPECIFYING A MAXIMUM SULFUR
CONTENT BY WEIGHT OF 1.5% FOR NO.6 FUEL
OIL. CERTIFICATION LETTERS FROM THE
SUPPLIER FOR EACH DELIVERY WILL BE
MAINTAINED FOR FIVE YEARS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 6 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 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

Compliance Demonstration

Effective between the dates of 04/19/2002 and Permit Expiration Date

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



Applicable Federal Requirement: 6NYCRR 225-1.8

Replaces Condition(s) 1-1

Item 2-1.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2-1.2:

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: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 26: Corrective action.

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.6(a)

Item 26.1:

Any facility found in violation of the provisions of this Part shall not cause, permit, or allow the operation of the affected stationary combustion installation unless:

- (1) it is equipped with approved emission control equipment;
- (2) it is rehabilitated or upgraded in an approved manner; or
- (3) the fuel is changed to an acceptable type.

Condition 27: Emissions data requirements.

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.7(b)

Item 27.1:

Sampling, compositing, and analysis of fuel samples shall be conducted in accordance with methods

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



acceptable to the commissioner.

Condition 28: Once in, always in
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.1(g)

Item 28.1:

Any coating line subject to the provisions of this Part, will remain subject to these provisions even if the facility annual potential to emit VOC later falls below applicability criteria.

Condition 29: Handling, storage, and disposal of volatile organic compounds
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.10

Item 29.1:

No owner or operator of a facility subject to 6NYCRR Part 228 shall:

- (a) use open containers to store or dispose of cloth or paper impregnated with VOC and/or solvents that are used for surface preparation, cleanup, or coating removal;
- (b) store in open containers spent or fresh VOC and/or solvents to be used for surface preparation, cleanup, or coating removal;
- (c) use VOC and/or solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize their evaporation to the atmosphere;
- (d) use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance, or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate; or
- (e) use open containers to store or dispose of spent surface coatings, spent VOCs and/or solvents.

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

Condition 30: Emission Unit Permissible Emissions
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.2(c)

Item 30.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 0-0MAIN

CAS No: 007446095 (From Mod 2)

Name: SULFUR DIOXIDE

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



PTE(s): 147.2 pounds per hour
168,580 pounds per year

CAS No: 0NY210000 (From Mod 2)
Name: OXIDES OF NITROGEN
46.9 pounds per hour
102,520 pounds per year

Condition 31: Process Permissible Emissions
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.2(c)

Item 31.1:

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

Emission Unit: 0-0MAIN Process: GAS

CAS No: 007446-09-5 (From Mod 2)
Name: SULFUR DIOXIDE
0.053 pounds per hour
460 pounds per year

CAS No: 0NY210-00-0 (From Mod 2)
Name: OXIDES OF NITROGEN
8.8 pounds per hour
66,880 pounds per year

Emission Unit: 0-0MAIN Process: SIX

CAS No: 007446-09-5 (From Mod 2)
Name: SULFUR DIOXIDE
147.2 pounds per hour
88,320 pounds per year

CAS No: 0NY210-00-0 (From Mod 2)
Name: OXIDES OF NITROGEN
46.9 pounds per hour
28,120 pounds per year

Emission Unit: 0-0MAIN Process: TWO

CAS No: 007446-09-5 (From Mod 2)
Name: SULFUR DIOXIDE
140.7 pounds per hour

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



79,880 pounds per year

CAS No: 0NY210-00-0 (From Mod 2)

Name: OXIDES OF NITROGEN

13.2 pounds per hour

7,500 pounds per year

Condition 32: Emission Unit Permissible Emissions
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 32.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 0-0MAIN

CAS No: 0NY998000 (From Mod 2)

Name: VOC

0.77 pounds per hour

6,720 pounds per year

Emission Unit: 0-0SURF

CAS No: 0NY998000 (From Mod 2)

Name: VOC

126 pounds per hour

60,000 pounds per year

Condition 33: Process Permissible Emissions
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 33.1:

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

Emission Unit: 0-0MAIN

Process: GAS

CAS No: 0NY998-00-0 (From Mod 2)

Name: VOC

PTE(s): 0.77 pounds per hour

5,820 pounds per year

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



Emission Unit: 0-0MAIN

Process: SIX

CAS No: 0NY998-00-0 (From Mod 2)

Name: VOC

0.175 pounds per hour

100 pounds per year

Emission Unit: 0-0MAIN

Process: TWO

CAS No: 0NY998-00-0

(From Mod 2)

Name: VOC

PTE(s): 0.009 pounds per hour

80 pounds per year

Condition 34: Multiple combustion sources.

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.2(b)

Item 34.1:

Emission Unit: 0-0MAIN

Item 34.2:

The total heat input of all furnaces connected to the same stack or pollution control device shall be used to calculate the permissible particulate emission rate.

Condition 1-2: Compliance Demonstration

Effective between the dates of 01/31/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.3

Replaces Condition(s) 35

Item 1-2.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0MAIN

Process: GAS

Item 1-2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



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

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

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the

Department for acceptance.

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



Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2002.
Subsequent reports are due every 6 calendar month(s).

Compliance Demonstration

Effective between the dates of 01/31/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.3

Replaces Condition(s) 36

Item 1-3.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0MAIN

Process: SIX

Item 1-3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

to perform the following:

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

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

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Inclement weather conditions shall be recorded for those

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



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

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

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

Department for acceptance.

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2002.

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

Condition 1-4: Compliance Demonstration

Effective between the dates of 01/31/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.3

Replaces Condition(s) 37

Item 1-4.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0MAIN



Process: TWO

Item 1-4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

to perform the following:

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

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

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

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

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

Department for acceptance.

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



**** 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.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2002.

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

Condition 38: Fuel sampling.

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.7(a)

Item 38.1:

Condition applies to

EmisEmission Point: 00001

Item 38.2:

Any stationary combustion installation described in section 6 NYCRR 227-1.2 of this Part, shall provide pertinent emissions data upon the commissioner's request.

Condition 1-5: Compliance Demonstration

Effective between the dates of 01/31/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Replaces Condition(s) 39

Item 1-5.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0SURF

Item 1-5.2:

Compliance Demonstration shall include the following monitoring:

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



New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions from the entire facility. If any visible emissions are identified, corrective action shall be taken, as needed. Daily observations shall be recorded in a bound notebook. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2002.

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

Compliance Demonstration

Effective between the dates of 01/31/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.4

Replaces Condition(s) 44

Item 1-6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-OSURF

Item 1-6.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six-minute period from any emission source subject to 6NYCRR Part 228.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 40: Alternative Analytical Methods
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(c)

Item 40.1:

Condition applies to

Emission Unit: 0-0SURF

Item 40.2:

Where the methods referenced in 6 NYCRR Part 228.5(b) are not applicable, alternate analytical methods for surface coating may be acceptable, subject to the approval of the commissioner.

Compliance Demonstration

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228

Item 41.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0SURF
Process: ONE

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 41.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE FACILITY WILL USE COMPLIANT COATINGS CONTAINING LESS THAN 3.0 LB/GAL OF VOC.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



Process Material: VOC's

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 3.0 pounds per gallon

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 60-DAY AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 42: Applicability and compliance
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.1(a)

Item 42.1:

Emission Unit: 0-0SURF

Process: ONE

Item 42.2:

Any owner or operator of a facility involving a coating line described in table 1 of 6NYCRR Part 228.7 or in table 2 of 6NYCRR Part 228.8 and which meets the current applicability criteria, must include with the application for a permit, the method or methods which will be used to comply with the requirements of 6NYCRR Part 228.

Condition 43: volatile organic compound emission control requirements
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.3(a)

Item 43.1:

Condition applies to

Emission Unit: 0-0SURF

Process: ONE

Item 43.2:

No person shall cause or allow the usage of coatings that exceed the allowable pounds of volatile organic compounds per gallon, minus water and excluded VOC at application, as specified in table 1 and table 2 of Part 228, unless an approved coating system or approved control equipment is utilized or a variance has been granted.

Condition 45: reports, recordkeeping, sampling and analysis
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(a)

Item 45.1:

Condition applies to

Emission Unit: 0-0SURF

Process: ONE



New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015

Item 45.2:

Certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of the as applied coating, for each coating used at the facility, must be maintained and, upon request, be provided to the departments representative. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained and, upon request, be submitted to the department. Records must be maintained at the facility for a period of five years.

Condition 46: method 24 40 CFR 60
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(b)

Item 46.1:

Condition applies to

Emission Unit: 0-0SURF
Process: ONE

Item 46.2:

Acceptable analytical methods for determining the volatile content, water content, density, volume of solids and weight of solids of surface coatings are presented in appendix A, method 24, of 40 CFR 60.

Condition 47: samples
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(d)

Item 47.1:

Condition applies to

Emission Unit: 0-0SURF
Process: ONE

Item 47.2:

Representatives of the department shall be permitted, during reasonable business hours, to obtain coating samples for the purpose of determining compliance.

Condition 48: prohibition of sale or specification
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.6(a)

Item 48.1:

Condition applies to

Emission Unit: 0-0SURF
Process: ONE

Item 48.2:

No person shall sell, specify, or require for use the application of a coating on a part or product at a facility with a coating line described in table 1 or 2 of 6NYCRR Part 228 if such use is prohibited. This prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at an affected facility. This prohibition shall not apply to the following:

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



- (1) coatings utilized at surface coating lines where control equipment has been installed to meet the allowable VOC content limitations specified in tables 1 and 2 of Part 228;
- (2) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in Part 228; and
- (3) coatings utilized at surface coating lines that have been granted variances for reasons of technological and economic feasibility.

Condition 49: products regulated
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.9

Item 49.1:

Condition applies to

Emission Unit: 0-0SURF

Process: ONE

Item 49.2:

The "Process, emission source and description of products" column in tables 1 and 2 of 6 NYCRR Part 228 may not contain all possible products in each coating line category. For any products not specifically listed, the commissioner will determine, based on inspections of the process, emission source and product to be coated, which limits in table 1 or 2 apply.



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: 8-3420-00015/00007

Facility DEC ID: 8342000015



law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 2-2: Contaminant List

Effective between the dates of 04/19/2002 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 2-2.1:

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

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY998-00-0

Name: VOC

Emission Unit Definition

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 51.1(From Mod 2):

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

Emission Unit: 0-0MAIN

Emission Unit Description:

TWO 37 MMBTU/HR BOILERS, AND ONE 18.5 MMBTU/HR MULTI-FUEL BOILERS ARE LOCATED IN THE POWERHOUSE. THE BOILERS FIRE NATURAL GAS AS A PRIMARY FUEL AND ARE CAPABLE OF FIRING EITHER NO.2 OR NO.6 FUEL OIL AS BACK-UP.

Building(s): 19

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



.2(From Mod 2):

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

Emission Unit: 0-0SURF

Emission Unit Description:

THREE SPRAY BOOTHS ARE USED TO COAT SHEET METAL THAT IS MANUFACTURED AT THE FACILITY.

Building(s): 14

Condition 53: Air pollution prohibited

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 53.1:

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

nation with others.

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

Condition 54: Emission Point Definition By Emission Unit

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 54.1(From Mod 0):

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

Emission Unit: 0-0MAIN

Emission Point: 00001

Height (ft.): 140

Diameter (in.): 64

NYTMN (km.): 4792.721

NYTME (km.): 239.028

.2(From Mod 0):

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

Emission Unit: 0-0SURF

Emission Point: 00002



New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015

Height (ft.): 10	Diameter (in.): 36	Building: 14
Emission Point: 00003		
Height (ft.): 10	Diameter (in.): 36	Building: 14
Emission Point: 00004		
Height (ft.): 10	Diameter (in.): 36	Building: 14
Emission Point: 00005		
Height (ft.): 27	Length (in.): 12	Width (in.): 13
		Building: 14

Condition 55: Process Definition By Emission Unit
Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

55.1(From Mod 2):

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

Emission Unit: 0-0MAIN
 Process: GAS Source Classification Code: 1-02-006-02
 Process Description: THE THREE POWERHOUSE BOILERS BURN NATURAL GAS.

Emission Source/Control: 00B01 - Combustion
 Design Capacity: 37 million Btu per hour

Emission Source/Control: 00B02 - Combustion
 Design Capacity: 37 million Btu per hour

Emission Source/Control: 00B03 - Combustion
 Design Capacity: 18.5 million Btu per hour

Item 55.2(From Mod 2):

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

Emission Unit: 0-0MAIN
 Process: SIX Source Classification Code: 1-02-004-01
 Process Description: THE THREE POWERHOUSE BOILERS BURN NO.6 FUEL OIL.

Emission Source/Control: 00B01 - Combustion
 Design Capacity: 37 million Btu per hour

Emission Source/Control: 00B02 - Combustion



New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015

Design Capacity: 37 million Btu per hour

Emission Source/Control: 00B03 - Combustion

Design Capacity: 18.5 million Btu per hour

5.3(From Mod 2):

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

Emission Unit: 0-0MAIN

Process: TWO

Source Classification Code: 1-03-005-01

Process Description: THE THREE POWERHOUSE BOILERS BURN NO.2 FUEL OIL.

Emission Source/Control: 00B01 - Combustion

Design Capacity: 37 million Btu per hour

Emission Source/Control: 00B02 - Combustion

Design Capacity: 37 million Btu per hour

Emission Source/Control: 00B03 - Combustion

Design Capacity: 18.5 million Btu per hour

Item 55.4(From Mod 2):

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

Emission Unit: 0-0SURF

Process: DRY

Process Description: METAL PARTS ARE DRIED IN AN OVEN.

Emission Source/Control: 00S04 - Process

5.5(From Mod 2):

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

Emission Unit: 0-0SURF

Process: ONE

Process Description:

THE THREE SPRAY BOOTHS ARE USED TO COAT
MANUFACTURED SHEET METAL.

Emission Source/Control: 00S01 - Process

Design Capacity: 15 gallons per hour

Emission Source/Control: 00S02 - Process

Design Capacity: 15 gallons per hour

Emission Source/Control: 00S03 - Process

Design Capacity: 15 gallons per hour



New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015

Condition 2-3: Compliance Demonstration

Effective between the dates of 04/19/2002 and Permit Expiration Date

Applicable 6 NYCRR 227-1.2(a)(2)

Replaces Condition(s) 1-8

Item 2-3.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0MAIN

Regulated Contaminant(s):

CAS No: 0NY075-00-0

PARTICULATES

Item 2-3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Particulate emissions limit for a boiler or combination of boilers (connected to the same emission point) with a maximum heat input exceeding 50 mmBTU per hour but no greater than 250 mmBTU per hour firing oil, other than distillate oil. Compliance with the 0.20 lb/mmBTU limit shall be determined using the equation attached to the letter from Margaret Ruudzinski to Thomas Christoffel, dated March 20, 2002. This monitoring method is acceptable to the Department as an alternative to intermittent emissions testing.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.20 pounds per million Btus

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Compliance Demonstration

Effective between the dates of 04/19/2002 and Permit Expiration Date

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



Applicable State Requirement: 6NYCRR 227-1.2(a)(2)

Item 2-4.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0MAIN

Regulated Contaminant(s):

CAS No: ONY075-00-0 PARTICULATES

Item 2-4.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The minimum heat value of the oil used in the boiler shall be at least 85,450 BTU/gallon to remain under the 0.20 lb/mmBTU limit for particulates. The heat value shall be verified annually.

Parameter Monitored: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)

Lower Permit Limit: 85,450 British thermal units per
gallon

Monitoring Frequency: PER DELIVERY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 57: Emissions from existing sources

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 212.3(a)

Item 57.1:

Condition applies to

Emission Unit: 0-0SURF

Process: DRY

Item 57.2:

No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 58: Emissions from new emission sources and/or modifications

Effective between the dates of 12/02/1999 and Permit Expiration Date

New York State Department of Environmental Conservation

Permit ID: 8-3420-00015/00007

Facility DEC ID: 8342000015



Applicable State Requirement: 6NYCRR 212.4(a)

Item 58.1:

Emission Unit: 0-0SURF

Process: DRY

Item 58.2:

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

Condition 59: Capped sources of VOC and NOx not subject to 212.9(b) for non A-rated contaminants

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 212.5(f)

Item 59.1:

Emission Unit: 0-0SURF

Process: DRY

Item 59.2:

Owners and/or operators of facilities which have limited the facility's annual potential to emit nitrogen oxides or volatile organic compounds below applicability levels through federally and state enforceable special conditions in permits to construct and/or certificates to operate under the provisions of section 212.10(d) of this Part must maintain annual actual emissions below these limitations. Nitrogen oxide and volatile organic compound emission points at these facilities are not subject to the control requirements in section 212.9(b) of this Part if the emissions are not given an A rating.

Condition 60: Sampling and Monitoring

Effective between the dates of 12/02/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 212.11(a)

Item 60.1:

Condition applies to

Emission Unit: 0-0SURF

Process: DRY

Item 60.2:

The owner and/or operator of this facility, if required by the department to conduct stack testing to demonstrate compliance with 6 NYCRR Part 212, must comply with notification requirements and conduct capture efficiency and/or stack testing using acceptable procedures pursuant to 6 NYCRR Part 202.