

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 8453800003**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 8-4538-00003/00093  
Effective Date: 10/27/2005 Expiration Date: 10/26/2010

Permit Issued To: EVANS CHEMETICS LP  
33 WOOD AVE SOUTH  
ISELIN, NJ 08830

Contact: STEVEN BRUSSO  
HAMPSHIRE CHEM/EVANS CHEMETICS  
228 E MAIN ST  
WATERLOO, NY 13165  
(315) 539-9627

Facility: EVANS CHEMETICS  
228 E MAIN ST  
WATERLOO, NY 13165

**Description:**

Renewal of Title V Facility Permit for a chemical batch plant producing organic sulfur intermediates used in the cosmetic, pharmaceutical, and plastic industries. The Title V Facility Permit was originally issued August 1, 2000, and was modified effective February 8, 2001 to add a 0.1 pound per million BTU particulate standard for liquid fuel other than distillate oil to the original Title V Permit.

Changes from the previous Permit reflect the permanent shutdown of two fuel oil fired boilers and the shutdown of a third when a single new natural gas fired boiler is installed, resulting in two natural gas fired boilers producing process and heating steam.

The facility remains subject to 6 NYCRR Part 201-6, Title V Facility Permits for major stationary sources, due to potential emissions in excess of 100 tons per year of sulfur dioxide (SO<sub>2</sub>), 10 tons per year of individual hazardous air pollutant (HAP) compounds, and 25 tons per year of all HAP compounds combined.

This Permit continues prior restrictions on volatile organic compound (VOC) emissions from this facility to below the Part 212.10 VOC RACT threshold of 50 tons per year, and oxide of nitrogen (NO<sub>x</sub>) emissions to below the Part 227-2 NO<sub>x</sub> RACT threshold of 100 tons per year.

Compliance requires facility VOC emissions to be calculated on a rolling twelve month basis using appropriate emission factors which vary by process, and facility NO<sub>x</sub> emissions to be calculated on a rolling twelve month basis, using an emission factor of 0.14 pounds per million BTU of heat input to the natural gas fired boilers. In addition, the facility is subject to permit conditions to meet emission limitations in Part 212.4(a), 4(c), and 5(d), and the Hydrogen Sulfide concentration standard in Part 257-

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10.

Emission Units are:

1-BOILER, consisting of three natural gas fired boilers, Unit D, Unit E, and Future Unit F. Unit D is rated at 14.4 MMBTU/hr, can also be fired by #6 fuel oil, and will be removed after installation of Unit F. Unit E is rated at 44.3 MMBTU/hr, and Unit F will be rated at 33.5 MMBTU/hr.

1-PROCS: consisting of all chemical production and storage activities. Emission sources include raw material and product storage tanks, reactors, receivers, and other process vessels. Emission controls are based on the individual processes, and some require operation of scrubbers for compliance.

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

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 \*\*\*\***

**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**

**Item 3.1:**

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

**Item 3.2:**

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

**Item 3.3:**



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

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

**Item 4.1:**

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

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

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

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



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

**IDENTIFICATION INFORMATION**

Permit Issued To: EVANS CHEMETICS LP  
33 WOOD AVE SOUTH  
ISELIN, NJ 08830

Facility: EVANS CHEMETICS  
228 E MAIN ST  
WATERLOO, NY 13165

Authorized Activity By Standard Industrial Classification Code:  
2869 - INDUSTRIAL ORGANIC CHEMICALS,NEC

Permit Effective Date: 10/27/2005

Permit Expiration Date: 10/26/2010



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 8 6NYCRR 201-6.5(a)(7): Fees
- 15 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 16 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 17 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 18 6NYCRR 201-6.5(e): Compliance Certification
- 19 6NYCRR 202-2.1: Compliance Certification
- 20 6NYCRR 202-2.5: Recordkeeping requirements
- 14 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 2 6NYCRR 200.7: Maintenance of Equipment
- 3 6NYCRR 201-1.7: Recycling and Salvage
- 4 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 5 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 6 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 7 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 9 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 10 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 11 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 12 6NYCRR 202-1.1: Required Emissions Tests
- 13 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition
- 24 6NYCRR 201-6.5(f): Compliance Certification

**Emission Unit Level**

- 25 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 26 6NYCRR 201-6: Process Definition By Emission Unit

**EU=1-BOILR,Proc=GAS,ES=UNITF**

- 27 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification
- 28 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Certification

**EU=1-PROCS**

- 29 6NYCRR 212.6(a): Compliance Certification

**EU=1-PROCS,EP=00201**

- 30 6NYCRR 257-10: Compliance Certification



**EU=1-PROCS,EP=00202**

31 6NYCRR 257-10: Compliance Certification

**EU=1-PROCS,EP=00209**

32 6NYCRR 257-10: Compliance Certification

**EU=1-PROCS,EP=00215**

33 6NYCRR 257-10: Compliance Certification

**EU=1-PROCS,EP=00235**

34 6NYCRR 212.4(a): Compliance Certification

35 6NYCRR 257-10: Compliance Certification

**EU=1-PROCS,EP=00240**

36 6NYCRR 212.4(a): Compliance Certification

37 6NYCRR 257-10: Compliance Certification

**EU=1-PROCS,EP=00305**

38 6NYCRR 257-10: Compliance Certification

**EU=1-PROCS,EP=00403**

39 6NYCRR 257-10: Compliance Certification

**EU=1-PROCS,EP=00404**

40 6NYCRR 257-10: Compliance Certification

**EU=1-PROCS,EP=00410**

41 6NYCRR 257-10: Compliance Certification

**EU=1-PROCS,EP=00416**

42 6NYCRR 257-10: Compliance Certification

**EU=1-PROCS,EP=01006**

43 6NYCRR 212.4(c): Compliance Certification

**EU=1-PROCS,EP=01602**

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44 6NYCRR 212.5(d): Compliance Certification

45 6NYCRR 257-10: Compliance Certification

**EU=1-PROCS,EP=2AB18**

46 6NYCRR 212.4(c): Compliance Certification

**EU=1-PROCS,EP=2AB23**

47 6NYCRR 212.4(a): Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

48 ECL 19-0301: Contaminant List

49 6NYCRR 201-1.4: Unavoidable noncompliance and violations

50 6NYCRR 201-7.2: Facility Permissible Emissions

\*51 6NYCRR 201-7.2: Capping Monitoring Condition

\*52 6NYCRR 201-7.2: Capping Monitoring Condition

53 6NYCRR 211.2: Air pollution prohibited

NOTE: \* preceding the condition number indicates capping.



**FEDERALLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.**

**Item A: 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 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 B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 201-1.10(b)**

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to



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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.

**Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)**

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

**Item D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)**

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

**Item E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)**

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

**Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)**

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 stay any permit condition.

**Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR Part 201-6.5(a)(5)**

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

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order to maintain compliance with the conditions of this permit.

**Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)**

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

**Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)**

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.

**Item J: Permit Shield - 6 NYCRR Part 201-6.5(g)**

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. 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;
- iii. The applicable requirements of Title IV of the

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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.

**Item K: Reopening for Cause - 6 NYCRR Part 201-6.5(i)**

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.

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.

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



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is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

**Item L: Permit Exclusion - ECL 19-0305**

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

**Item M: Federally Enforceable Requirements - 40 CFR 70.6(b)**

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES**

**The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.**

**Condition 1: Acceptable Ambient Air Quality**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 1.1:**

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit



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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 8: Fees**

**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 201-6.5(a)(7)**

**Item 8.1:**

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0302.

**Condition 15: Recordkeeping and reporting of compliance monitoring**

**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**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 a responsible official, consistent with Section 201-6.3 of this Part 201.

**Condition 16: Monitoring, Related Recordkeeping, and Reporting Requirements.**

**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 201-6.5(c)(2)**

**Item 16.1:**

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable



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regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, 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 17: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 17.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 17.2:**

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.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.

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(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

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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 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 Quality Assurance (BQA) 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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 18: Compliance Certification**

**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 18.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 18.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

**New York State Department of Environmental Conservation**

**Permit ID: 8-4538-00003/00093**

**Facility DEC ID: 8453800003**



Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

- i. Compliance certifications shall contain:
  - 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 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.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. 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 Quality Assurance (BQA) 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:

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

The address for the RAPCE is as follows:

6274 East Avon-Lima Road  
Avon, NY 14414-9519

The address for the BQA is as follows:

NYSDEC  
Bureau of Quality Assurance  
625 Broadway  
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2006.  
Subsequent reports are due on the same day each year

**Condition 19: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 19.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 19.2:**

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 20: Recordkeeping requirements**  
**Effective between the dates of 10/27/2005 and 10/26/2010**



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

**Item 20.1:**

(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 upon request during normal business hours.

**Condition 14: Open Fires Prohibited at Industrial and Commercial Sites  
Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 215**

**Item 14.1:**

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

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT  
TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE**

**The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period. [NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]**

**Condition 2: Maintenance of Equipment  
Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 2.1:**

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.

**Condition 3: Recycling and Salvage  
Effective between the dates of 10/27/2005 and 10/26/2010**

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**Facility DEC ID: 8453800003**



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

**Item 3.1:**

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 the ECL.

**Condition 4: Prohibition of Reintroduction of Collected Contaminants to the air**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 4.1:**

No person shall 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 5: Exempt Sources - Proof of Eligibility**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 5.1:**

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

**Condition 6: Trivial Sources - Proof of Eligibility**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 6.1:**

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

**Condition 7: Standard Requirement - Provide Information**



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**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 201-6.5(a)(4)**

**Item 7.1:**

The owner and/or operator 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. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

**Condition 9: General Condition - Right to Inspect**

**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 201-6.5(a)(8)**

**Item 9.1:**

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart 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 emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

**Condition 10: Standard Requirements - Progress Reports**

**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 201-6.5(d)(5)**

**Item 10.1:**

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. 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



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(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 11: Off Permit Changes**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 11.1:**

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.

**Condition 12: Required Emissions Tests**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 12.1:**

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

**Condition 13: Visible Emissions Limited**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 13.1:**



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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 21: Accidental release provisions.**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 40CFR 68**

**Item 21.1:**

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
  - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
  - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center  
C/O CSC  
8400 Corporate Dr  
Carrollton, Md. 20785

**Condition 22: Recycling and Emissions Reduction**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 22.1:**

The permittee shall comply with all applicable provisions of 40 CFR Part 82.

**The following conditions are subject to annual compliance certification requirements  
for Title V permits only.**

**Condition 23: Emission Unit Definition**

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**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 23.1:**

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

Emission Unit: 1-BOILR

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF TWO BOILERS THAT PROVIDE PROCESS AND HEATING STEAM TO THE FACILITY. UNIT D HAS RATED HEAT INPUT OF 14.4 MMBTU/HR AND CAN FIRE NATURAL GAS. UNIT E HAS A RATED HEAT INPUT OF 44.3 MMBTU/HR AND CAN FIRE NATURAL GAS. FUTURE UNIT F WILL HAVE A RATED HEAT INPUT OF 33.5 MMBTU/HR, AND WILL FIRE NATURAL GAS. ALL BOILERS EXHAUST TO A COMMON STACK, EP00124.

Building(s): 001

**Item 23.2:**

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

Emission Unit: 1-PROCS

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF ALL REGULATED EMISSION SOURCES ASSOCIATED WITH THE PRODUCTION AND STORAGE OF CHEMICALS AND RELATED ACTIVITIES. EMISSION SOURCES CONSIST OF RAW MATERIAL AND PRODUCT STORAGE TANKS, REACTORS, RECEIVERS, AND OTHER PROCESS VESSELS; AND AN OVEN ROOM DRYER. SOME EMISSIONS ARE CONTROLLED BY EMISSIONS SCRUBBER SYSTEMS, OTHER EMISSIONS ARE UNCONTROLLED. EMISSIONS MAY VENT THROUGH DIRECT PROCESS EXHAUSTS, THROUGH GENERAL VENTILATION EXHAUSTS, OR MAY BE FUGITIVE.

Building(s): 001  
002  
003  
004  
010  
016  
2AB  
579  
OUTSIDE

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**Condition 24: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 24.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 24.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operational Flexibility Plan  
Hampshire Chemical Corp.

Plan Objective

The objective of this Plan is to maximize operational flexibility by building capability into the Title V Permit for the facility to make administrative and/or minor changes following a preestablished protocol as allowed for in 6NYCRR, Part 201-6.5(f).

This plan does not address those types of changes that would invoke the Part 201-6.7(d) "Significant Permit Modification". Rather, it addresses changes that qualify, as minor modifications pursuant to the criteria specified by 6NYCRR, Part 201-6.7(c)(1)(i) and (ii):

(1) Do not violate any applicable requirement;

(2) Do not involve significant changes to existing monitoring, reporting, or record keeping requirement in the permit and are not otherwise a significant change in the permit.

Protocol for Changes

(1) Certain changes which meet the criteria under (i) - (iii) below may be conducted without prior approval of the Department and shall not require modification of the permit. The facility owner and/or operator must however maintain records of the date and description of such changes and make such records available for review by

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Department representatives upon request.

(i) changes that do not cause emissions to exceed any emission limitation contained in regulations or applicable requirements under 6NYCRR;

(ii) changes which do not cause the subject emission unit, emission source, process, or emission point to become subject to any additional regulations or requirements under 6NYCRR;

(iii) changes that do not seek to establish or modify a federally-enforceable emission cap or limit.

For the specific case of Part 212, with respect to item (i), the emission rate potential for each new contaminant and/or each contaminant for which emissions increase shall be compared to the control requirements in Part 212, Table 2. If existing or proposed control measures do not provide the required level of control, NYSDEC shall be notified and this op-flex protocol shall not apply. If it is determined that Table 2 control requirements will be met, an Air Guide 1 screening analysis shall be completed for each A-rated contaminant and for all other contaminants requiring control. If the emission point fails the screening analysis, then NYSDEC shall be notified and this op-flex protocol shall not apply.

(2) In addition to the record keeping required under (b)(1) above, the permittee must notify the Department in writing at least 30 calendar days in advance of making changes involving:

(i) the installation or relocation of any emission source, process, or emission point within a facility;

(ii) the emission of any air pollutant not previously authorized or emitted in accordance with a permit issued by the Department;

(iii) the installation or alteration of any air cleaning installation, device or control equipment.

(3) The Department may require a permit modification, in

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order to impose new applicable requirements or special permit conditions if it determines that changes proposed pursuant to notification under (2) (above) do not meet the criteria under (1) or the change may have a significant air quality impact. In such cases the Department may require that the permittee not undertake the proposed change until it completes a more detailed review of the potential air quality impacts and/or applicable requirements. The Department shall respond to the permittee in writing with such a determination within 15 days of receipt of the 30 day advance notification from the permittee. The Department's determination shall include a listing of information necessary to further review the proposed change.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

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

**Condition 25: Emission Point Definition By Emission Unit  
Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 25.1:**

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

Emission Unit: 1-BOILR

Emission Point: 00124

Height (ft.): 100

Diameter (in.): 72

NYTMN (km.): 4751.622 NYTME (km.): 348.63 Building: 001

**Item 25.2:**



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

Emission Unit:	1-PROCS		
Emission Point:	00125		
Height (ft.):	42	Diameter (in.):	6
			Building: 001
Emission Point:	00201		
Height (ft.):	18	Diameter (in.):	18
			Building: 002
Emission Point:	00202		
Height (ft.):	45	Diameter (in.):	5
			Building: 002
Emission Point:	00209		
Height (ft.):	30	Diameter (in.):	22
			Building: 002
Emission Point:	00215		
Height (ft.):	32	Diameter (in.):	20
			Building: 002
Emission Point:	00235		
Height (ft.):	40	Diameter (in.):	2
			Building: 002
Emission Point:	00236		
Height (ft.):	2	Diameter (in.):	3
			Building: 002
Emission Point:	00240		
Height (ft.):	62	Diameter (in.):	6
			Building: 002
Emission Point:	00304		
Height (ft.):	30	Diameter (in.):	4
			Building: 003
Emission Point:	00305		
Height (ft.):	52	Diameter (in.):	6
			Building: 003
Emission Point:	00403		
Height (ft.):	47	Diameter (in.):	8
			Building: 004

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Emission Point: 00404 Height (ft.): 42	Diameter (in.): 10	Building: 004
Emission Point: 00410 Height (ft.): 31	Diameter (in.): 31	Building: 004
Emission Point: 00416 Height (ft.): 31	Diameter (in.): 36	Building: 004
Emission Point: 01004 Height (ft.): 42	Diameter (in.): 24	Building: 010
Emission Point: 01006 Height (ft.): 27	Diameter (in.): 12	Building: 010
Emission Point: 01601 Height (ft.): 29	Diameter (in.): 4	Building: 016
Emission Point: 01602 Height (ft.): 35	Diameter (in.): 18	Building: 016
Emission Point: 2AB08 Height (ft.): 28	Length (in.): 48	Width (in.): 48 Building: 2AB
Emission Point: 2AB18 Height (ft.): 27	Length (in.): 32	Width (in.): 32 Building: 2AB
Emission Point: 2AB23 Height (ft.): 28	Diameter (in.): 8	Building: 2AB
Emission Point: 57901 Height (ft.): 27	Diameter (in.): 2	Building: 579
Emission Point: 57902 Height (ft.): 26	Diameter (in.): 3	

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Emission Point: 57903 Height (ft.): 26	Diameter (in.): 2	Building: 579
Emission Point: 57908 Height (ft.): 26	Diameter (in.): 2	Building: 579
Emission Point: HT009 Height (ft.): 20	Length (in.): 6	Width (in.): 4 Building: OUTSIDE
Emission Point: HT013 Height (ft.): 33	Diameter (in.): 3	Building: OUTSIDE
Emission Point: HT050 Height (ft.): 2	Diameter (in.): 3	Building: OUTSIDE
Emission Point: HT056 Height (ft.): 21	Diameter (in.): 3	Building: OUTSIDE
Emission Point: HT092 Height (ft.): 26	Diameter (in.): 2	Building: OUTSIDE
Emission Point: HT097 Height (ft.): 15	Diameter (in.): 4	Building: OUTSIDE
Emission Point: HT104 Height (ft.): 18	Diameter (in.): 3	Building: OUTSIDE

**Condition 26: Process Definition By Emission Unit**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 26.1:**

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

Emission Unit: 1-BOILR



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Process: GAS

Source Classification Code: 1-02-006-01

Process Description:

THIS PROCESS IS NATURAL GAS COMBUSTION IN A BOILER. THIS PROCESS APPLIES TO UNIT D, UNIT E, AND FUTURE UNIT F. APPLICABLE REQUIREMENTS SPECIFIED FOR THIS PROCESS APPLY TO EACH BOILER INDIVIDUALLY. UNIT D IS RATED AT 14.4 MMBTU/HR AND UNIT E IS RATED AT 44.3 MMBTU/H R. UNIT F WILL BE RATED AT 33.5 MMBTU/HR.

Emission Source/Control: UNITD - Combustion

Design Capacity: 14.4 million Btu per hour

Emission Source/Control: UNITE - Combustion

Design Capacity: 44.3 million Btu per hour

Emission Source/Control: UNITF - Combustion

Design Capacity: 33.5 million BTUs per hour

**Item 26.2:**

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

Emission Unit: 1-PROCS

Process: PR1

Source Classification Code: 3-99-999-93

Process Description:

THIS PROCESS IS THE PRODUCTION AND STORAGE OF CHEMICALS AND ASSOCIATED ACTIVITIES. THIS PROCESS ACCOUNTS FOR ALL PRODUCTION RELATED ACTIVITIES AT THE FACILITY.

Emission Source/Control: PSCRB - Control

Control Type: PACKED-GAS ABSORPTION SYSTEM

Emission Source/Control: VSCRB - Control

Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: OOVEN - Process

Emission Source/Control: TANKS - Process

Emission Source/Control: VESSL - Process

**Condition 27: Compliance Certification**

**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 40CFR 60.48c(g), NSPS Subpart Dc**

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**Facility DEC ID: 8453800003**



**Item 27.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILR

Process: GAS

Emission Source: UNITF

**Item 27.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 28: Compliance Certification**

**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 40CFR 60.48c(i), NSPS Subpart Dc**

**Item 28.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILR

Process: GAS

Emission Source: UNITF

**Item 28.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record, for determining compliance with the NSPS requirements.

**\*\* NOTE\*\*** Records shall be maintained for a minimum of five years to achieve compliance with the requirements of Title V.



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 29: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 29.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS

**Item 29.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

OPACITY FROM ANY EMISSION POINT IN THIS EMISSION UNIT MAY NOT EQUAL OR EXCEED 20% FOR ANY 6 CONSECUTIVE MINUTES. NORMAL OPERATION OF THE EMISSION SOURCES DOES NOT RESULT IN VISUAL EMISSIONS. ANY ABNORMAL OPERATIONS THAT MAY CAUSE VISUAL EMISSIONS SHALL BE LOGGED.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 30: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 257-10**

**Item 30.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 00201

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**Permit ID: 8-4538-00003/00093**

**Facility DEC ID: 8453800003**



Regulated Contaminant(s):

CAS No: 007783-06-4    HYDROGEN SULFIDE

**Item 30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE HYDROGEN SULFIDE EMISSION LIMIT FOR EP00201 IS 0.0033 LB/HR. THIS EMISSION RATE IS BASED ON A MAXIMUM HYDROGEN SULFIDE CONCENTRATION IN THE EXHAUST OF 0.5 PPMV. QUARTERLY DRAEGER DETECTOR TUBE MEASUREMENTS SHALL BE TAKEN TO CONFIRM THIS CONCENTRATION. AN ABNORMAL CONCENTRATION SHALL PROMPT CORRECTIVE ACTION, WHICH SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60, APP A, MET 15

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 31: Compliance Certification**

**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 257-10**

**Item 31.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS    Emission Point: 00202

Regulated Contaminant(s):

CAS No: 007783-06-4    HYDROGEN SULFIDE

**Item 31.2:**

Compliance Certification shall include the following monitoring:



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**Permit ID: 8-4538-00003/00093**

**Facility DEC ID: 8453800003**

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE HYDROGEN SULFIDE EMISSION LIMIT FOR EP00202 IS 0.045 LB/HR. PROPER OPERATION OF THE SCRUBBER IS AN INDICATOR OF ACCEPTABLE EMISSIONS. EACH SCRUBBER SOLUTION RECIRCULATION LINE HAS A FLOWSWITCH WITH AN ALARM ON LOSS OF FLOW AND THE SCRUBBER SOLUTION NORMALITY IS TESTED DAILY. THE SCRUBBER SOLUTION IS CHANGED WHEN THE NORMALITY DROPS BELOW 2.5. ANY ABNORMAL OPERATION OF THE SCRUBBER SHALL PROMPT CORRECTIVE ACTION AND SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60,APP A,MET 15

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 32: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 257-10**

**Item 32.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 00209

Regulated Contaminant(s):

CAS No: 007783-06-4 HYDROGEN SULFIDE

**Item 32.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE HYDROGEN SULFIDE EMISSION LIMIT FOR EP00209 IS 0.0067 LB/HR. THIS EMISSION

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**Facility DEC ID: 8453800003**



RATE IS BASED ON A MAXIMUM HYDROGEN SULFIDE CONCENTRATION IN THE EXHAUST OF 0.2 PPMV. QUARTERLY DRAEGER DETECTOR TUBE MEASUREMENTS SHALL BE TAKEN TO CONFIRM THIS CONCENTRATION. AN ABNORMAL CONCENTRATION SHALL PROMPT CORRECTIVE ACTION AND SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60, APP A, MET 15

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 33: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 257-10**

**Item 33.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 00215

Regulated Contaminant(s):

CAS No: 007783-06-4 HYDROGEN SULFIDE

**Item 33.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE HYDROGEN SULFIDE EMISSION LIMIT FOR EP00215 IS 0.0057 LB/HR. THIS EMISSION RATE IS BASED ON A MAXIMUM HYDROGEN SULFIDE CONCENTRATION IN THE EXHAUST OF 0.2 PPMV. QUARTERLY DRAEGER DETECTOR TUBE MEASUREMENTS SHALL BE TAKEN TO CONFIRM THIS CONCENTRATION. AN ABNORMAL CONCENTRATION SHALL PROMPT CORRECTIVE ACTION AND SHALL BE LOGGED. IF REQUESTED



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BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60, APP A, MET 15

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 34: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 34.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 00235

Regulated Contaminant(s):

CAS No: 000107-13-1 PROPENENITRILE

**Item 34.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE ACRYLONITRILE (PROPENENITRILE)  
EMISSION LIMIT FOR EP00235 IS 0.045  
LB/HR. PROPER OPERATION OF THE SCRUBBER  
IS AN INDICATOR OF ACCEPTABLE EMISSIONS.  
THE SCRUBBER SOLUTION RECIRCULATION LINE  
HAS A FLOWSWITCH WITH AN ALARM AND  
AUTOMATIC PROCESS SHUTDOWN ON LOW FLOW.  
THE SCRUBBER SOLUTION NORMALITY IS ALSO  
TESTED WEEKLY, WITH THE SCRUBBER SOLUTION  
CHANGED AT A NORMALITY OF LESS THAN 0.6.  
ANY ABNORMAL OPERATION OF THE SCRUBBER  
SHALL PROMPT CORRECTIVE ACTION AND SHALL  
BE LOGGED. IF REQUESTED BY NYSDEC, A  
STACK TEST SHALL BE USED TO DETERMINE  
COMPLIANCE.



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**Permit ID: 8-4538-00003/00093**

**Facility DEC ID: 8453800003**

Reference Test Method: PART 60,APP A,MET 18

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 35: Compliance Certification**

**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 257-10**

**Item 35.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 00235

Regulated Contaminant(s):

CAS No: 007783-06-4 HYDROGEN SULFIDE

**Item 35.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE HYDROGEN SULFIDE EMISSION LIMIT FOR EP00235 IS 0.00029 LB/HR. PROPER OPERATION OF THE SCRUBBER IS AN INDICATOR OF ACCEPTABLE EMISSIONS. THE SCRUBBER SOLUTION RECIRCULATION LINE HAS A FLOWSWITCH WITH AN ALARM AND AUTOMATIC PROCESS SHUTDOWN ON LOW FLOW. THE SCRUBBER SOLUTION IS ALSO TESTED WEEKLY. THE SCRUBBER SOLUTION IS CHANGED WHEN THE NORMALITY DROPS BELOW 0.6. ANY ABNORMAL OPERATION OF THE SCRUBBER SHALL PROMPT CORRECTIVE ACTION AND SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60,APP A,MET 15

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST



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**Permit ID: 8-4538-00003/00093**

**Facility DEC ID: 8453800003**

**METHOD INDICATED**

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 36: Compliance Certification**

**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 36.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 00240

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 36.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE AMMONIA EMISSION LIMIT FOR EP00240 IS 0.64 LB/HR. PROPER OPERATION OF THE SCRUBBER IS AN INDICATOR OF ACCEPTABLE EMISSIONS. THE SCRUBBER SOLUTION RECIRCULATION LINE HAS A FLOW METER WITH AN ALARM FOR LOW FLOW AND THE SCRUBBER SOLUTION PH IS MONITORED CONTINUOUSLY WITH ADDITIONAL ACID ADDED AUTOMATICALLY TO MAINTAIN THE PH BELOW 3.0. ANY ABNORMAL OPERATION OF THE SCRUBBER SHALL PROMPT CORRECTIVE ACTION AND SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: EPA DRAFT MET 206OR=

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.



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**Facility DEC ID: 8453800003**

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

**Condition 37: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 257-10**

**Item 37.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 00240

Regulated Contaminant(s):

CAS No: 007783-06-4 HYDROGEN SULFIDE

**Item 37.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE H2S EMISSION LIMIT FOR EP00240 IS 0.035 LB/HR. PROPER OPERATION OF THE SCRUBBER IS AN INDICATOR OF ACCEPTABLE EMISSIONS. THE SCRUBBER SOLUTION RECIRCULATION LINE HAS A PRESSURE TRANSMITTER WITH AN ALARM ON LOW PRESSURE, THE PRIMARY SCRUBBER SOLUTION NORMALITY IS TESTED AT LEAST EVERY TWO HOURS OF OPERATION AND THE SECONDARY SCRUBBER IS TESTED EACH SHIFT. THE PRIMARY SCRUBBER SOLUTION IS CHANGED WHEN THE NORMALITY DROPS BELOW 0.6, AND THE SECONDARY SCRUBBER SOLUTION IS CHANGED WHEN THE NORMALITY DROPS BELOW 2.5. ANY ABNORMAL OPERATION OF THE SCRUBBER SHALL PROMPT CORRECTIVE ACTION AND SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60,APP A,MET 15

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



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**Permit ID: 8-4538-00003/00093**

**Facility DEC ID: 8453800003**

The initial report is due 1/30/2006.  
Subsequent reports are due every 6 calendar month(s).

**Condition 38: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 257-10**

**Item 38.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 00305

Regulated Contaminant(s):  
CAS No: 007783-06-4 HYDROGEN SULFIDE

**Item 38.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE H<sub>2</sub>S EMISSION LIMIT FOR EP00305 IS 0.014 LB/HR. PROPER OPERATION OF THE SCRUBBER IS AN INDICATOR OF ACCEPTABLE EMISSIONS. THE SCRUBBER SOLUTION RECIRCULATION LINE HAS A PRESSURE TRANSMITTER WITH AN ALARM ON LOW PRESSURE, THE PRIMARY SCRUBBER SOLUTION IS TESTED AT LEAST EVERY TWO HOURS OF OPERATION AND THE SECONDARY SCRUBBER SOLUTION IS TESTED EACH SHIFT. THE PRIMARY SCRUBBER SOLUTION IS CHANGED WHEN THE NORMALITY DROPS BELOW 0.6, AND THE SECONDARY SCRUBBER SOLUTION IS CHANGED WHEN THE NORMALITY DROPS BELOW 2.5. ANY ABNORMAL OPERATION OF THE SCRUBBER SHALL PROMPT CORRECTIVE ACTION AND SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60,APP A,MET 15

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



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Reports due 30 days after the reporting period.  
The initial report is due 1/30/2006.  
Subsequent reports are due every 6 calendar month(s).

**Condition 39: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 257-10**

**Item 39.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 00403

Regulated Contaminant(s):  
CAS No: 007783-06-4 HYDROGEN SULFIDE

**Item 39.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE HYDROGEN SULFIDE EMISSION LIMIT FOR EP00403 IS 0.0062 LB/HR. PROPER OPERATION OF THE SCRUBBER IS AN INDICATOR OF ACCEPTABLE EMISSIONS. THE SCRUBBER SOLUTION RECIRCULATION LINE HAS A FLOWSWITCH WITH AN ALARM ON LOSS OF FLOW AND THE SCRUBBER SOLUTION NORMALITY IS TESTED DAILY. THE PRIMARY SCRUBBER SOLUTION IS CHANGED WHEN THE NORMALITY DROPS BELOW 0.6, AND THE SECONDARY SCRUBBER SOLUTION IS CHANGED WHEN THE NORMALITY DROPS BELOW 2.5. ANY ABNORMAL OPERATION OF THE SCRUBBER SHALL PROMPT CORRECTIVE ACTION AND SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60,APP A,MET 15

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.



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

**Condition 40: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 257-10**

**Item 40.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 00404

Regulated Contaminant(s):

CAS No: 007783-06-4 HYDROGEN SULFIDE

**Item 40.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE HYDROGEN SULFIDE EMISSION LIMIT FOR EP00404 IS 0.022 LB/HR. PROPER OPERATION OF THE SCRUBBER IS AN INDICATOR OF ACCEPTABLE EMISSIONS. THE SCRUBBER SOLUTION RECIRCULATION LINE HAS A FLOW SWITCH WITH AN ALARM ON LOSS OF FLOW AND THE SCRUBBER SOLUTION NORMALITY IS TESTED DAILY. THE SCRUBBER SOLUTION IS CHANGED WHEN THE NORMALITY DROPS BELOW 2.5. ANY ABNORMAL OPERATION OF THE SCRUBBER SHALL PROMPT CORRECTIVE ACTION AND SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

The discharge from former emission point 57917 scrubber (9-S-16) is tied into the emission point 00404 scrubber (4-S-6) inlet, using 4-S-6 as a secondary scrubber. Proper operation on 9-S-16 is an indicator of acceptable emissions. The scrubber solution recirculation line has a flow switch with an alarm on loss of flow, and the scrubber solution normality shall be tested before each TG batch. The scrubber solution shall be changed when the normality drops below



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3.0. Any abnormal operation of the scrubber shall prompt corrective action and shall be logged.

Reference Test Method: PART 60,APP A,MET 15

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 41: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 257-10**

**Item 41.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 00410

Regulated Contaminant(s):

CAS No: 007783-06-4 HYDROGEN SULFIDE

**Item 41.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE HYDROGEN SULFIDE EMISSION LIMIT FOR EP00410 IS 0.0074 LB/HR. THIS EMISSION RATE IS BASED ON A MAXIMUM HYDROGEN SULFIDE CONCENTRATION IN THE EXHAUST OF 0.2 PPMV. QUARTERLY DRAEGER DETECTOR TUBE MEASUREMENTS SHALL BE TAKEN TO CONFIRM THIS CONCENTRATION. AN ABNORMAL CONCENTRATION SHALL PROMPT CORRECTIVE ACTION, WHICH SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60,APP A,MET 15

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION



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Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 42: Compliance Certification**

**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 257-10**

**Item 42.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 00416

Regulated Contaminant(s):

CAS No: 007783-06-4 HYDROGEN SULFIDE

**Item 42.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE HYDROGEN SULFIDE EMISSION LIMIT FOR  
EP000416 IS 0.00036 LB/HR. HIS EMISSION  
RATE IS BASED ON A MAXIMUM HYDROGEN  
SULFIDE CONCENTRATION IN THE EXHAUST OF  
0.2 PPMV. QUARTERLY DRAEGER DETECTOR  
TUBE MEASUREMENTS SHALL BE TAKEN TO  
CONFIRM THIS CONCENTRATION. AN ABNORMAL  
CONCENTRATION SHALL PROMPT CORRECTIVE  
ACTION, WHICH SHALL BE LOGGED. IF  
REQUESTED BY NYSDEC, A STACK TEST SHALL  
BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60,APP A,MET 15

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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



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**Condition 43: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 43.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 01006

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE PARTICULATE LIMIT FOR EP01006 IS  
0.05 GR/DSCF. INDOOR AIR SAMPLING  
MEASUREMENTS OF TOTAL DUST HAVE BEEN USED  
TO CALCULATE EMISSIONS FROM THIS GENERAL  
EXHAUST VENT TO DEMONSTRATE COMPLIANCE  
WITH THIS STANDARD. ANY OBSERVATIONS OF  
ABNORMAL LEVELS OF DUST WILL PROMPT  
CORRECTIVE ACTION WHICH SHALL BE LOGGED.  
IF REQUESTED BY NYSDEC, A STACK TEST  
SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60,APP A,MET 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 44: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 212.5(d)**

**Item 44.1:**

The Compliance Certification activity will be performed for:



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**Facility DEC ID: 8453800003**

Emission Unit: 1-PROCS Emission Point: 01602

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE AMMONIA EMISSION LIMIT FOR EP01602 IS 20 LB/HR BASED ON BEST AVAILABLE CONTROL TECHNOLOGY. NH3 EMISSIONS RESULT FROM THE HYDROLYSIS OF NITRILE REMAINING IN THE PROCESS WASTE STREAM. THIS STREAM IS USED IN THE EP01602 SCRUBBER AS THE SCRUBBING MEDIUM. UNDER NORMAL PRODUCT YIELDS, NITRILE LOSSES RESULT IN NH3 EMISSIONS LESS THAN 20LB/YR, MAXIMUM. ANY ABNORMAL YIELDS SHALL PROMPT CORRECTIVE ACTION, WHICH SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: EPA DRAFT MET 206OR=

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 45: Compliance Certification**

**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable Federal Requirement: 6NYCRR 257-10**

**Item 45.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 01602

Regulated Contaminant(s):

CAS No: 007783-06-4 HYDROGEN SULFIDE



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**Permit ID: 8-4538-00003/00093**

**Facility DEC ID: 8453800003**

**Item 45.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE HYDROGEN SULFIDE EMISSION LIMIT FOR EP01602 IS 0.037 LB/HR. PROPER OPERATION OF THE SCRUBBER IS AN INDICATOR ACCEPTABLE EMISSIONS. THE SCRUBBER SOLUTION RECIRCULATION LINE HAS A FLOWSWITCH WITH AN ALARM ON LOSS OF FLOW AND THE SCRUBBER SOLUTION NORMALITY IS TESTED DAILY. THE SCRUBBER SOLUTION IS CHANGED WHEN THE NORMALITY DROPS BELOW 2.5. ANY ABNORMAL OPERATION OF THE SCRUBBER SHALL PROMPT CORRECTIVE ACTION AND SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60,APP A,MET 15

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 46: Compliance Certification**

**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 46.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 2AB18

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 46.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



**New York State Department of Environmental Conservation**

**Permit ID: 8-4538-00003/00093**

**Facility DEC ID: 8453800003**

**Monitoring Description:**

THE PARTICULATE LIMIT FOR EP2AB18 IS 0.05 GR/DSCF. INDOOR AIR SAMPLING MEASUREMENTS OF TOTAL DUST HAVE BEEN USED TO CALCULATE EMISSIONS FROM THIS GENERAL EXHAUST VENT TO DEMONSTRATE COMPLIANCE WITH THIS STANDARD. ANY OBSERVATIONS OF ABNORMAL LEVELS OF DUST FROM THE FLAKER OPERATION WILL PROMPT CORRECTIVE ACTION WHICH SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60,APP A, MET 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 47: Compliance Certification**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 47.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PROCS Emission Point: 2AB23

Regulated Contaminant(s):

CAS No: 007647-01-0 HYDROGEN CHLORIDE

**Item 47.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE HCI EMISSION LIMIT FOR EP2AB23 IS 0.14 LB/HR. PROPER OPERATION OF THE SCRUBBER IS AN INDICATOR OF ACCEPTABLE EMISSIONS. THE SCRUBBER SOLUTION RECIRCULATION LINE HAS A FLOWSWITCH WITH AN ALARM ON LOSS OF FLOW AND THE SCRUBBER

**New York State Department of Environmental Conservation**

**Permit ID: 8-4538-00003/00093**

**Facility DEC ID: 8453800003**



SOLUTION NORMALITY IS TESTED DAILY. THE SCRUBBER SOLUTION IS CHANGED WHEN THE NORMALITY DROPS BELOW 2.5. ANY ABNORMAL OPERATION OF THE SCRUBBER SHALL PROMPT CORRECTIVE ACTION AND SHALL BE LOGGED. IF REQUESTED BY NYSDEC, A STACK TEST SHALL BE USED TO DETERMINE COMPLIANCE.

Reference Test Method: PART 60, APP A, MET26

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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



**STATE ONLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5**

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

**STATE ONLY APPLICABLE REQUIREMENTS**

**The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.**

**Condition 48: Contaminant List**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable State Requirement: ECL 19-0301**

**Item 48.1:**

Emissions of the following contaminants are subject to contaminant specific requirements in this



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permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 007664-41-7

Name: AMMONIA

CAS No: 007647-01-0

Name: HYDROGEN CHLORIDE

CAS No: 007783-06-4

Name: HYDROGEN SULFIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 000107-13-1

Name: PROPENENITRILE

CAS No: 0NY998-00-0

Name: VOC

**Condition 49: Unavoidable noncompliance and violations  
Effective between the dates of 10/27/2005 and 10/26/2010**

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

**Item 49.1:**

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR



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Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superseded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

**Condition 50: Facility Permissible Emissions**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable State Requirement: 6NYCRR 201-7.2**

**Item 50.1:**

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

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

CAS No: 0NY210-00-0                      PTE: 199,000 pounds per year  
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0                      PTE: 99,000 pounds per year  
Name: VOC

**Condition 51: Capping Monitoring Condition**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable State Requirement: 6NYCRR 201-7.2**



**New York State Department of Environmental Conservation**

**Permit ID: 8-4538-00003/00093**

**Facility DEC ID: 8453800003**

**Item 51.1:**

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

6NYCRR 212.10

**Item 51.2:**

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

**Item 51.3:**

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

**Item 51.4:**

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

**Item 51.5:**

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

**Item 51.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 51.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall be limited to 50 tpy of VOC emissions, calculated on a rolling twelve month basis, using appropriate emission factors. Records shall be retained on site, and rolling twelve month emissions shall be reported in the semi-annual monitoring reports.



**New York State Department of Environmental Conservation**

**Permit ID: 8-4538-00003/00093**

**Facility DEC ID: 8453800003**

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 52: Capping Monitoring Condition**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**Applicable State Requirement: 6NYCRR 201-7.2**

**Item 52.1:**

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

6NYCRR 227-2

**Item 52.2:**

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

**Item 52.4:**

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

**Item 52.5:**

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

**Item 52.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**New York State Department of Environmental Conservation**

**Permit ID: 8-4538-00003/00093**

**Facility DEC ID: 8453800003**



**Item 52.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall be limited to 100 tpy of NO<sub>x</sub> emissions, calculated on a rolling twelve month basis, using an emission factor of 0.14 lb/mmbtu. Records shall be retained on site, and rolling twelve month emissions shall be reported in the semi-annual monitoring reports.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 53: Air pollution prohibited**  
**Effective between the dates of 10/27/2005 and 10/26/2010**

**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 combination with others.