

New York State Department of Environmental Conservation
Facility DEC ID: 7313200009



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-3132-00009/00017
Effective Date: 03/20/2001 Expiration Date: 03/20/2006

Permit Issued To: GENERAL CHEMICAL LLC
90 EAST HALSEY ROAD
PARSIPPANY, NJ 07054

Contact: BIAGIO S VAVALA
1421 WILLIS AVENUE
GENERAL CHEMICAL CORP
SYRACUSE, NY 13204
(315) 487-4285

Facility: GENERAL CHEMICAL LLC
1421 WILLIS AVE
SYRACUSE, NY 13204

Contact: BIAGIO S VAVALA
1421 WILLIS AVENUE
GENERAL CHEMICAL CORP
SYRACUSE, NY 13204
(315) 487-4285

Description:

General Chemical's facility is located in Onondaga County, Town of Geddes at 1421 Willis Avenue. This location has been manufacturing sodium nitrite since 1920. The product meets requirements for food, U.S.P. (pharmaceutical) and technical grade applications. The manufacturing process catalytically converts anhydrous ammonia to nitrogen oxides (NOx), which is then absorbed in a sodium alkali solution to form a solution containing sodium nitrite. This solution is then partially evaporated, resulting in crystals which are separated from the solution, are dried, and then packaged. A continuous emissions monitoring system (CEMS) is employed to assure compliance with permitted NOx emissions. Two particulate removal systems assure compliance of particulate emissions from the process. Two other particulate removal systems assure compliance of particulate emissions from product handling equipment. All four systems are monitored to assure operation. As a contingency to provide operational flexibility, language is included for potential future installation of a package boiler.

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By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: ROBERT A TORBA
 615 ERIE BLVD WEST
 SYRACUSE, NY 13204-2400

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

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 7
HEADQUARTERS



DEC GENERAL CONDITIONS

****** General Provisions ******

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

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

Item 3.1:

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

Item 3.2:

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

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

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Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

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

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

Condition 5: Permit Modifications, Suspensions, and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 5.1:

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

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

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

Condition 6: Submission of Applications for Permit Modification or Renewal -REGION 7 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 6.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7400



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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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90 EAST HALSEY ROAD
PARSIPPANY, NJ 07054

Facility: GENERAL CHEMICAL LLC
1421 WILLIS AVE
SYRACUSE, NY 13204

Authorized Activity By Standard Industrial Classification Code:
2819 - INDUSTRIAL INORGANIC CHEMICALS

Permit Effective Date: 03/20/2001

Permit Expiration Date: 03/20/2006



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.5: Sealing
- 2 6NYCRR 200.6: Acceptable ambient air quality
- 3 6NYCRR 200.7: Maintenance of equipment
- 4 6NYCRR 201-1.2: Unpermitted Emission Sources
- 5 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 6 6NYCRR 201-1.5: Emergency Defense
- 7 6NYCRR 201-1.7: Recycling and Salvage
- 8 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected
Contaminants to the Air
- 9 6NYCRR 201-1.10(b): Public Access to Recordkeeping for Title V
facilities
- 10 6NYCRR 201-3.2(a): Proof of Eligibility
- 11 6NYCRR 201-3.3(a): Proof of Eligibility
- 12 6NYCRR 201-6: Applicable Criteria, Limits, Terms, Conditions and
Standards
- 13 6NYCRR 201-6: Cessation or Reduction of Permitted Activity Not a Defense
- 14 6NYCRR 201-6: Compliance Requirements
- 15 6NYCRR 201-6: Federally-Enforceable Requirements
- 16 6NYCRR 201-6: Fees
- 17 6NYCRR 201-6: Monitoring, Related Recordkeeping and Reporting
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- 18 6NYCRR 201-6: Permit Revocation, Modification, Reopening, Reissuance
or Termination, and Associated Information Submission Requirements
- 19 6NYCRR 201-6: Permit Shield
- 20 6NYCRR 201-6: Property Rights
- 21 6NYCRR 201-6: Reopening for Cause
- 22 6NYCRR 201-6: Right to Inspect
- 23 6NYCRR 201-6: Severability
- 24 6NYCRR 201-6: Emission Unit Definition
- 25 6NYCRR 201-6.5(c)(3): Compliance Certification
- 26 6NYCRR 201-6.5(e): Compliance Certification
- 27 6NYCRR 201-6.5(g): Permit Exclusion Provisions
- 28 6NYCRR 201-6.5(g): Non Applicable requirements
- 29 6NYCRR 202-1.1: Required emissions tests
- 30 6NYCRR 202-2.1: Compliance Certification
- 31 6NYCRR 202-2.5: Recordkeeping requirements
- 32 6NYCRR 211.3: Visible emissions limited.
- 33 6NYCRR 212.5(d): Compliance Certification
- 34 6NYCRR 212.5(d): Compliance Certification
- 35 6NYCRR 212.6(a): Compliance Certification
- 36 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites



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37 6NYCRR 227-2.1(a): This conditions further filters the NO_x RACT facilities.

38 6NYCRR 227-2.3(g): Compliance Certification

39 40CFR 68: Compliance Certification

40 40CFR 82, Subpart F: Recycling and Emissions Reduction

Emission Unit Level

41 6NYCRR 201-6: Emission Point Definition By Emission Unit

42 6NYCRR 201-6: Process Definition By Emission Unit

EU=1-0000B,Proc=001

43 40CFR 60.48c, NSPS Subpart Dc: Recordkeeping and reporting.

EU=1-0000B,Proc=001,ES=BLR01

44 6NYCRR 227-2.4(c)(1)(i): This is the optional condition for gas or distillate fired midsized boilers. If they opt not to use this method then 227-2.4(c)(2) applies.

EU=1-0000B,EP=OSN4A,Proc=001

45 6NYCRR 227-1.3: Compliance Certification

EU=U-OOSN2,EP=OOSN2

46 6NYCRR 212.3(a): Emissions from existing sources

EU=U-OOSN2,EP=OOSN2,Proc=002,ES=OOSN2

47 6NYCRR 212.3(b): Compliance Certification

48 6NYCRR 212.3(b): Compliance Certification

EU=U-OSN1A,EP=OSN1A

49 6NYCRR 212.3(a): Emissions from existing sources

EU=U-OSN1A,EP=OSN1A,Proc=003,ES=1SN1A

50 6NYCRR 212.4(c): Compliance Certification

EU=U-OSN1A,EP=OSN1A,Proc=003,ES=OSN1A

51 6NYCRR 212.3(b): Compliance Certification

52 6NYCRR 212.5(d): Compliance Certification

EU=U-OSN1B,EP=OSN1B

53 6NYCRR 212.3(a): Emissions from existing sources

EU=U-OSN1B,EP=OSN1B,Proc=004,ES=OSN1B

54 6NYCRR 212.3(b): Compliance Certification

55 6NYCRR 212.4(c): Compliance Certification

56 6NYCRR 212.4(c): Compliance Certification



57 6NYCRR 212.5(d): Compliance Certification

EU=U-OSN3A,EP=OSN3A

58 6NYCRR 212.3(a): Emissions from existing sources

EU=U-OSN3A,EP=OSN3A,Proc=005,ES=OSN3A

59 6NYCRR 212.3(b): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

60 6NYCRR 201-5: General Provisions

61 6NYCRR 201-5.3(b): Contaminant List

62 6NYCRR 211.2: Air pollution prohibited



FEDERALLY ENFORCEABLE CONDITIONS

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

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

Condition 1: Sealing
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 200.5

Item 1.1:

(a) The commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the commissioner issued in the case of the violation. Sealing means labelling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

(b) No person shall operate any air contamination source sealed by the commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

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

Condition 2: Acceptable ambient air quality
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 200.6

Item 2.1:

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

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 3: Maintenance of equipment
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 200.7

Item 3.1:

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

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

Condition 4: Unpermitted Emission Sources
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-1.2

Item 4.1:

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Condition 5: Unavoidable Noncompliance and Violations
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-1.4



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Item 5.1:

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

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

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

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

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

Condition 6: Emergency Defense
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-1.5

Item 6.1:

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



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(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.

**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 7: Recycling and Salvage
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-1.7

Item 7.1:

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

Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air
Effective between the dates of 03/20/2001 and 03/20/2006

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Applicable Federal Requirement: 6NYCRR 201-1.8

Item 8.1:

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

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

**Condition 9: Public Access to Recordkeeping for Title V facilities
Effective between the dates of 03/20/2001 and 03/20/2006**

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

Item 9.1:

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

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 10: Proof of Eligibility
Effective between the dates of 03/20/2001 and 03/20/2006**

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

Item 10.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR



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Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Condition 11: Proof of Eligibility
Effective between the dates of 03/20/2001 and 03/20/2006

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

Item 11.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

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

Condition 12: Applicable Criteria, Limits, Terms, Conditions and Standards
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 12.1:

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

- i. Any reporting requirements and operations under an accidental release plan, response plan, and compliance plan as approved as of the date of the permit issuance, or
- ii. Any support documents submitted as a part of the permit application for this facility as accepted and approved as of the date of permit issuance.

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

Item 12.2:

Any document, including reports, required by the federally-enforceable portions of this permit shall



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contain a certification by the responsible official for this facility as set forth in Section 201-6.3 that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

**Condition 13: Cessation or Reduction of Permitted Activity Not a Defense
Effective between the dates of 03/20/2001 and 03/20/2006**

Applicable Federal Requirement: 6NYCRR 201-6

Item 13.1:

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

**Condition 14: Compliance Requirements
Effective between the dates of 03/20/2001 and 03/20/2006**

Applicable Federal Requirement: 6NYCRR 201-6

Item 14.1:

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

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

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

Item 14.2:

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

Item 14.3:

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the



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Department within 30 days after the end of a reporting period. Such progress reports shall contain the following:

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

Condition 15: Federally-Enforceable Requirements
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 15.1:

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

Condition 16: Fees
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 16.1:

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

Condition 17: Monitoring, Related Recordkeeping and Reporting Requirements
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 17.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 18: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements
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Applicable Federal Requirement: 6NYCRR 201-6

Item 18.1:

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

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

Condition 19: Permit Shield

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 19.1:

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

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

Condition 20: Property Rights



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Facility DEC ID: 7313200009

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 20.1:

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

Condition 21: Reopening for Cause

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 21.1:

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

- i. If additional applicable requirements under the Act become applicable where this permit's remaining }term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.
- ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.
- iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Item 21.2:

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

Item 21.3:

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

Condition 22: Right to Inspect

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 22.1:



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

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

Condition 23: Severability

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 23.1:

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

Condition 24: Emission Unit Definition

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 24.1:

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

Emission Unit: 1-OOOOB

Emission Unit Description:

ONE NATURAL GAS-FIRED BOILER WITH RATED
HEAT INPUT OF 54.5 MMBTU/HR.

Item 24.2:

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

Emission Unit: U-OOSN2

Emission Unit Description:

Damp crystals of Sodium Nitrite pass through drying
equipment, from which the exhaust is directed to
particulate control equipment and emitted to the
atmosphere.

Building(s): 1



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Item 24.3:

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

Emission Unit: U-OSN1A

Emission Unit Description:

THIS EMISSION UNIT IS LOCATED IN BUILDING 1. A PRODUCTION TRAIN CONVERTS AMMONIA INTO NITROGEN OXIDE WHICH IS THEN ABSORBED IN A SODIUM ALKALI SOLUTION FORM SODIUM NITRITE. GASES EXITING THE SYSTEM PASS THROUGH PARTICULATE CONTROL EQUIPMENT AND ARE EMITTED TO THE ATMOSPHERE.

Building(s): 1

Item 24.4:

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

Emission Unit: U-OSN1B

Emission Unit Description:

A PRODUCTION TRAIN CONVERTS AMMONIA INTO NITROGEN OXIDE WHICH IS THEN ABSORBED IN A SODIUM ALKALI SOLUTION TO FORM SODIUM NITRITE. GASES EXITING THE SYSTEM PASS THROUGH PARTICULATE CONTROL EQUIPMENT AND ARE EMITTED TO THE ATMOSPHERE.

Building(s): 1

Item 24.5:

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

Emission Unit: U-OSN3A

Emission Unit Description:

THIS EMISSION UNIT IS LOCATED IN BUILDING #1. SODIUM NITRITE DUSTS ARE REMOVED FROM PRODUCT HANDLING EQUIPMENT, DIRECTED TO PARTICULATE CONTROL EQUIPMENT, AND THE EXHAUST IS EMITTED TO THE ATMOSPHERE.

Building(s): 1

Condition 25: Compliance Certification

Effective between the dates of 03/20/2001 and 03/20/2006

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

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

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Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2001.

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



**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 26: Compliance Certification
Effective between the dates of 03/20/2001 and 03/20/2006

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

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance certifications shall contain the following information:

- the identification of each term or condition of the permit that is the basis of the certification;
- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;
- and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

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

All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as

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

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

The address for the RAPCE is as follows:

615 Erie Boulevard, West
Syracuse, NY 13204-2400

The address for the BCME is as follows:

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

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due on the same day each year

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

Condition 27: Permit Exclusion Provisions
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-6.5(g)

Item 27.1:

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 currently pending or



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future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant 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), and particularly any such enforcement action as may be authorized pursuant to 6 NYCRR 201-1.2 and 6 NYCRR 201-6.5(g).

The issuance of this permit by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements contained in such order or modification thereof unless specifically intended by this permit.

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 the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

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 the right of the Department to pursue any claims for natural resource damages against the Applicant.

Condition 28: Non Applicable requirements
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-6.5(g)

Item 28.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

**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 29: Required emissions tests



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Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 29.1:

An acceptable report of measured emissions shall be submitted, as may be required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

**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 30: Compliance Certification

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Item 30.2:

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

Averaging Method: ANNUAL TOTAL

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 31: Recordkeeping requirements

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 202-2.5

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Item 31.1:

(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.

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 32: Visible emissions limited.
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 211.3

Item 32.1:

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

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

Condition 33: Compliance Certification
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.5(d)

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

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Regulated Contaminant(s):

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

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Periodic BACT Review. General Chemical shall submit to NYSDEC Region 7 for approval a periodic BACT assessment of available control technologies for reducing NOx emissions from the facility. These assessments shall be submitted to NYSDEC once every five years, with the first assessment due at the time of the first renewal of the Title V permit for the facility. At a minimum the BACT assessment shall evaluate all available NOx control technologies identified by General Chemical and NYSDEC for technical feasibility. For those options deemed technically feasible, the facility shall determine the cost effectiveness (cost/ton NOx removed) for each option in accordance with procedures acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 34: Compliance Certification
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.5(d)

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 34.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

General chemical shall operate and maintain a continuous emission monitoring system (CEMS) for determining and recording the hourly NOx mass emission rate from each

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stack. This CEMS shall comply with the following: a) The CEMS shall be installed and certified in accordance with 40 CFR Part 60 Appendix B, and shall be maintained in accordance with 40 CFR Part 60 Appendix F; b) General Chemical shall submit to NYSDEC Region 7 Division of Air Resources (DAR), for approval any change to the approved CEMS monitoring plan or monitoring equipment The CEMS monitoring plan must be in accordance with NYSDEC Air Guide 34. Any Change to the CEMS plan must be submitted at least 60 days prior to installation of any new CEMS; c) Any change to the CEMS will require re-certification test protocol in accordance with NYSDEC Air Guide 34. Any test protocols shall be submitted at least 30 days prior to performing the CEMS certification testing; d) General Chemical shall notify NYSDEC Region 7 of the dates for conduction the CEMS certification testing at least 15 days prior to such dates; e) General Chemical shall submit to NYSDEC DAR for approval a CEMS certification test report within 30 days following the calendar quarter that testing was done. f) General Chemical shall maintain a file of all CEMS measurements including the hourly NOx emission rates, and the results of all calibration checks performed on the system; All records must be maintained at the facility for three years after being recorded, and must be made available to NYSDEC upon request.

Manufacturer Name/Model Number: Continuous Monitor
Monitoring Frequency: CONTINUOUS
Averaging Method: 15-MINUTE ROLLING AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 35: Compliance Certification
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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Monitoring Description:

The maintenance procedure applicable to this permit for compliance with the opacity requirements under section 212.6(a) will include the following:

1. If visible emissions above those that are normal and in compliance with section 212.6(a) are detected (this may be zero percent opacity for many or all stacks), the facility owner shall determine the cause immediately and make the necessary correction. The facility owner and/or operator will observe all emission points or other sources of air pollution daily during daylight hours to monitor for unusual opacity conditions. The records of these observations will be recorded in a bound log book at the facility and shall be available for inspection by Department representatives upon request. Records will be maintained for a period of at least five years.
2. If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the facility owner will conduct a Method 9 assessment to determine the degree of opacity.
3. If the opacity is determined to exceed the limits of section 212.6(a), the facility will be determined to be in violation, will remedy the problem, and will contact the Department. The provisions of Part 201-1.4 shall apply.

Reference Test Method: method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 22)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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 36: Open Fires Prohibited at Industrial and Commercial Sites Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 215

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Item 36.1:

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

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

**Condition 37: This conditions further filters the NOx RACT facilities.
Effective between the dates of 03/20/2001 and 03/20/2006**

Applicable Federal Requirement: 6NYCRR 227-2.1(a)

Item 37.1:

This facility is subject to the provisions of Subpart 227-2.

**Condition 38: Compliance Certification
Effective between the dates of 03/20/2001 and 03/20/2006**

Applicable Federal Requirement: 6NYCRR 227-2.3(g)

Item 38.1:

The Compliance Certification activity will be performed for the Facility.

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operating Plan: any owner or operator of a facility subject to this section must submit to the department, with the application for certificate to operate submitted according to subdivision (d) of this section, an operating plan, including an operating manual, acceptable to the department. This should at minimum include:

- (1) A summary of the applicable standards and requirements of this Subpart and how this facility will comply, including any system averaging and any higher specific unit emission rates that may apply;
- (2) A description of the combustion process, including the procedures for control of NOx emissions;
- (3) Procedures for monitoring unit operating parameters;
- (4) Procedures for ash



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handling; (5) Procedures for monitoring emissions; (6) Reporting and recording keeping procedures; and, (7) The name and title of operating personnel and, if applicable, their qualifications (e.g. licenses, certificates, education, training courses completed).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 39: Compliance Certification
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 40CFR 68

Item 39.1:

The Compliance Certification activity will be performed for the Facility.

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This source will be subject to Requirements of 40 CFR 68-B when promulgated. Threshold quantities are determined per 40 CFR 68-C.115(b).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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 40: Recycling and Emissions Reduction
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 40CFR 82, Subpart F



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Item 40.1:

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

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

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

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

**Condition 41: Emission Point Definition By Emission Unit
Effective between the dates of 03/20/2001 and 03/20/2006**

Applicable Federal Requirement: 6NYCRR 201-6

Item 41.1:

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

Emission Unit: 1-0000B

Emission Point: OSN4A

Height (ft.): 20

Diameter (in.): 36

NYTMN (km.): 4768.522 NYTME (km.): 401.632 Building: PARKINGLOT



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Item 41.2:

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

Emission Unit: U-OOSN2

Emission Point: OOSN2

Height (ft.): 69

Diameter (in.): 30

NYTMN (km.): 4768.522 NYTME (km.): 401.632 Building: 1

Item 41.3:

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

Emission Unit: U-OSN1A

Emission Point: OSN1A

Height (ft.): 156

Diameter (in.): 12

NYTMN (km.): 4768.522 NYTME (km.): 401.632 Building: 1

Item 41.4:

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

Emission Unit: U-OSN1B

Emission Point: OSN1B

Height (ft.): 156

Diameter (in.): 12

NYTMN (km.): 4768.522 NYTME (km.): 401.632 Building: 1

Item 41.5:

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

Emission Unit: U-OSN3A

Emission Point: OSN3A

Height (ft.): 73

Diameter (in.): 23

NYTMN (km.): 4768.522 NYTME (km.): 401.632 Building: 1

Condition 42: Process Definition By Emission Unit

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 201-6

Item 42.1:

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

Emission Unit: 1-OOOOB

Process: 001

Source Classification Code: 1-02-006-01

Process Description:

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Permit ID: 7-3132-00009/00017

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ONE NATURAL GAS-FIRED BOILER WITH A HEAT
INPUT RATING OF 54.5 MMBTU/HR.

Emission Source/Control: BLR01 - Combustion

Item 42.2:

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

Emission Unit: U-OOSN2

Process: 002

Source Classification Code: 3-01-999-99

Process Description:

THE PROCESS LIQUOR IS TRANSFERRED TO A
HEATED EVAPORATOR WHERE PRODUCT CRYSTALS
ARE FORMED. CRYSTALS PASS THROUGH A
CENTRIFUGE TO SEPARATE PRODUCT CRYSTALS
FROM THE MOTHER LIQUOR. SOLID PRODUCT IS
DIRECTED THROUGH TWO DRIERS, AND A PRODUCT
SEPARATION CYCLONE. EXHAUST GAS IS DIRECTED
TO THE SCRUBBER FOR PARTICULATE CONTROL.

Emission Source/Control: OOSN2 - Control

Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: S00TD - Process

Emission Source/Control: S0FBD - Process

Item 42.3:

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

Emission Unit: U-OSN1A

Process: 003

Source Classification Code: 3-01-999-99

Process Description:

A PRODUCTION TRAIN CONVERTS AMMONIA INTO
NITROGEN OXIDE WHICH IS THEN ABSORBED IN A
SODIUM ALKALI SOLUTION TO FORM SODIUM
NITRITE. GASES EXITING THE SYSTEM PASS
THROUGH PARTICULATE CONTROL EQUIPMENT AND
ARE EMITTED TO THE ATMOSPHERE.

Emission Source/Control: 1SN1A - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 2SN1A - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: OSN1A - Process

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Item 42.4:

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

Emission Unit: U-OSN1B

Process: 004

Source Classification Code: 3-01-999-99

Process Description:

A PRODUCTION TRAIN CONVERTS AMMONIA INTO NITROGEN OXIDE WHICH IS THEN ABSORBED IN A SODIUM ALKALI SOLUTION TO FORM SODIUM NITRITE. GASES EXITING THE SYSTEM PASS THROUGH PARTICULATE CONTROL EQUIPMENT AND ARE EMITTED TO THE ATMOSPHERE.

Emission Source/Control: 1SN1B - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 2SN1B - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: OSN1B - Process

Item 42.5:

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

Emission Unit: U-OSN3A

Process: 005

Source Classification Code: 3-01-999-99

Process Description:

SODIUM NITRITE DUSTS ARE REMOVED FROM PRODUCT HANDLING EQUIPMENT, DIRECTED TO PARTICULATE CONTROL EQUIPMENT, AND EXHAUST IS EMITTED TO THE ATMOSPHERE.

Emission Source/Control: OSN3A - Control

Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: OOOPL - Process

Emission Source/Control: OORCL - Process

Emission Source/Control: S0FCS - Process

Condition 43: Recordkeeping and reporting.

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 40CFR 60.48c, NSPS Subpart Dc



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Item 43.1:

This Condition applies to Emission Unit: 1-OOO0B
Process: 001

Item 43.2:

The facility shall maintain reports and records in accordance with the provisions of this section 40 CFR 60-Dc.48c.

Condition 44: This is the optional condition for gas or distillate fired midsized boilers. If they opt not to use this method then 227-2.4(c)(2) applies. Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 227-2.4(c)(1)(i)

Item 44.1:

This Condition applies to Emission Unit: 1-OOO0B
Process: 001 Emission Source: BLR01

Item 44.2:

Boilers firing natural gas and/or distillate oil shall utilize low NOx Burners.

Condition 45: Compliance Certification Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-OOO0B Emission Point: OSN4A
Process: 001

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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snow).

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

- weather condition
- was a plume observed?

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

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

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

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

Monitoring Frequency: DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 46: Emissions from existing sources
Effective between the dates of 03/20/2001 and 03/20/2006**

Applicable Federal Requirement: 6NYCRR 212.3(a)

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Item 46.1:

This Condition applies to Emission Unit: U-OOSN2 Emission Point: OOSN2

Item 46.2:

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

Condition 47: Compliance Certification

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-OOSN2 Emission Point: OOSN2
Process: 002 Emission Source: OOSN2

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

EMISSIONS OF SOLID PARTICULATES ARE LIMITED TO LESS THAN 0.15 GRAINS OF PARTICULATES PER CUBIC FOOT OF EXHAUST GAS, EXPRESSED AT STANDARD CONDITIONS ON A DRY GAS BASIS. COMPLIANCE TESTING WILL BE CONDUCTED AT THE DISCRETION OF THE DEPARTMENT.

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 48: Compliance Certification

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

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Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009



Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-OOSN2 Emission Point: OOSN2
Process: 002 Emission Source: OOSN2

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 48.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

MONITOR AND RECORD ELECTRIC CURRENT ON
THE SPRAY PUMP TO THE PARTICULATE REMOVAL
UNIT. COMPLIANCE WILL BE DETERMINED
BASED ON INSTANTANEOUS MEASUREMENTS TAKEN
EVERY 2 HOURS. THE INSTANTANEOUS AMPERAGE
SHALL NOT DROP BELOW 5 AMPS OR EXCEED 15
AMPS FOR GREATER THAN A 1-HR PERIOD.

Manufacturer Name/Model Number: LFE INSTRUMENTS/V3346SNG

Lower Permit Limit: 5 amperes

Upper Permit Limit: 15 amperes

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 49: Emissions from existing sources

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 49.1:

This Condition applies to Emission Unit: U-OSN1A Emission Point: OSN1A

Item 49.2:

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

Condition 50: Compliance Certification

Effective between the dates of 03/20/2001 and 03/20/2006

New York State Department of Environmental Conservation

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009



Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-OSN1A Emission Point: OSN1A
Process: 003 Emission Source: 1SN1A

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 51: Compliance Certification

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-OSN1A Emission Point: OSN1A
Process: 003 Emission Source: OSN1A

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 51.2:

Compliance Certification shall include the following monitoring:



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Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

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

Monitoring Description:

MONITOR AND RECORD DIFFERENTIAL PRESSURE
ACROSS THE PARTICULATE REMOVAL UNIT THREE
TIMES PER EIGHT HOUR SHIFT OF OPERATION.
COMPLIANCE WILL BE DETERMINED BASED
ON INSTANTANEOUS MEASUREMENTS. THE
INSTANTANEOUS PRESSURE DROP SHALL NOT
EXCEED 25 INCHES WATER FOR MORE THAN ONE
READING.

Manufacturer Name/Model Number: ROSEMONT/1151DP4E22D2B2L4

Parameter Monitored: PRESSURE CHANGE

Upper Permit Limit: 25 inches of water

Monitoring Frequency: PER SHIFT

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 52: Compliance Certification
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.5(d)

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-OSN1A Emission Point: OSN1A
Process: 003 Emission Source: OSN1A

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THE NYSDEC APPROVED A BACT PLAN ON
5/13/96. THE BACT PLAN PROVIDES THE BASIS
FOR THE CURRENT NOX PERMIT LIMIT FOR THE
NORTH AND SOUTH TRAIN. THE FACILITY WILL
USE CEMS IN ACCORDANCE WITH 40 CFR 60
APPENDIX B&F TO DOCUMENT COMPLI W/ THE
NOX PERMIT LIMIT.

Manufacturer Name/Model Number: CEM



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Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Upper Permit Limit: 172 pounds per hour
Reference Test Method: US EPA METHOD 7E
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (ANNIVERSARY)
Initial Report Due: 07/19/2001 for the period 03/20/2001 through 06/19/2001

Condition 53: Emissions from existing sources
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 53.1:

This Condition applies to Emission Unit: U-OSN1B Emission Point: OSN1B

Item 53.2:

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

Condition 54: Compliance Certification
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-OSN1B Emission Point: OSN1B
Process: 004 Emission Source: OSN1B

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 54.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

MONITOR AND RECORD DIFFERENTIAL PRESSURE
ACROSS THE PARTICULATE REMOVAL UNIT
THREE TIMES PER EIGHT-HOUR SHIFT OF
OPERATION. COMPLIANCE WILL BE DETERMINED
BASED ON INSTANTANEOUS MEASUREMENTS. THE
INSTANTANEOUS PRESSURE DROP SHALL NOT
EXCEED 25 INCHES WATER FOR MORE THAN ONE
READING.



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Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009

Manufacturer Name/Model Number: ROSEMONT/1151DP4E22D2B2L4

Parameter Monitored: PRESSURE CHANGE

Upper Permit Limit: 25 inches of water

Monitoring Frequency: PER SHIFT

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 55: Compliance Certification

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-OSN1B Emission Point: OSN1B

Process: 004 Emission Source: OSN1B

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than

0.050 grains of particulates per cubic foot of exhaust

gas, expressed at standard conditions on a dry gas basis.

Compliance testing will be conducted at the discretion of

the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

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

Condition 56: Compliance Certification

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

New York State Department of Environmental Conservation

Permit ID: 7-3132-00009/00017

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Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-OSN1B Emission Point: OSN1B
Process: 004 Emission Source: OSN1B

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 57: Compliance Certification

Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.5(d)

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-OSN1B Emission Point: OSN1B
Process: 004 Emission Source: OSN1B

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

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Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009



THE NYSDEC APPROVED A BACT PLAN ON 5/13/96. THE BACT PLAN PROVIDES THE BASIS FOR THE CURRENT NOX PERMIT LIMIT FOR THE NORTH AND SOUTH TRAIN. THE FACILITY WILL USE CEMS IN ACCORDANCE WITH 40 CFR 60 APPENDIX B&F TO DOCUMENT COMPLIANCE WITH THE NOX PERMIT LIMIT.

Manufacturer Name/Model Number: cem
Upper Permit Limit: 172 pounds per hour
Reference Test Method: US EPA METHOD 7E
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (ANNIVERSARY)
Initial Report Due: 07/19/2001 for the period 03/20/2001 through 06/19/2001

Condition 58: Emissions from existing sources
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 58.1:

This Condition applies to Emission Unit: U-OSN3A Emission Point: OSN3A

Item 58.2:

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

Condition 59: Compliance Certification
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-OSN3A Emission Point: OSN3A
Process: 005 Emission Source: OSN3A

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 59.2:

Compliance Certification shall include the following monitoring:

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

New York State Department of Environmental Conservation

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009



Monitoring Description:

MONITOR AND RECORD ELECTRIC CURRENT ON THE SPRAY PUMP TO THE PARTICULATE REMOVAL UNIT. COMPLIANCE WILL BE DETERMINED BASED UPON INSTANTANEOUS MEASUREMENTS TAKEN EVERY TWO HOURS. THE INSTANTANEOUS AMPERAGE SHALL NOT DROP BELOW 3 AMPS OR EXCEED 10 AMPS FOR GREATER THAN A 1-HR PERIOD.

Manufacturer Name/Model Number: LFE INSTRUMENTS/V3346SNG

Lower Permit Limit: 3 amperes

Upper Permit Limit: 10 amperes

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

New York State Department of Environmental Conservation

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009



STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 60: General Provisions
Effective between the dates of 03/20/2001 and 03/20/2006

Applicable State Requirement: 6NYCRR 201-5

Item 60.1:

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

Item 60.2:

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

Item 60.3:

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

Condition 61: Contaminant List
Effective between the dates of 03/20/2001 and 03/20/2006

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

Item 61.1:

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

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

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

Condition 62: Air pollution prohibited
Effective between the dates of 03/20/2001 and 03/20/2006

New York State Department of Environmental Conservation

Permit ID: 7-3132-00009/00017

Facility DEC ID: 7313200009



Applicable State Requirement: 6NYCRR 211.2

Item 62.1:

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.