

New York State Department of Environmental Conservation
Facility DEC ID: 6233800002



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 6-2338-00002/00011
Mod 0 Effective Date: 01/21/2004 Expiration Date: No expiration date.
Mod 1 Effective Date: 05/14/2007 Expiration Date: No expiration date.

Permit Issued To: BURROWS PAPER CORP
501 E MAIN ST
LITTLE FALLS, NY 13365-1403

Contact: JAMES R PALMER
BURROWS PAPER
510 WEST MAIN ST
LITTLE FALLS, NY 13365
(315) 823-2300

Facility: BURROWS PAPER CORP LYONSDALE
CO RT 39 & LOWDALE RD
LYONS FALLS, NY 13368

Contact: PETER J BURKDORF
BURROWS PAPER CORP
501 WEST MAIN ST
LITTLE FALLS, NY 13365-1817
(315) 823-2300

Description:

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: BRIAN D FENLON
DIVISION OF ENVIRONMENTAL PERMITS
STATE OFFICE BLDG, 317 WASHINGTON ST
WATERTOWN, NY 13601-3787

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, modifications and transfers
Applications for Permit Renewals and Modifications
Permit modifications, suspensions or revocations by the Department
Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 6
HEADQUARTERS
Submission of application for permit modification or renewal-REGION 6
HEADQUARTERS



DEC GENERAL CONDITIONS

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

Condition 1-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6NYCRR 621.11

Item 1-1.1:

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

Item 1-1.2:

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

Item 1-1.3:

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



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actual transfer of ownership.

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

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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

Condition 1-2: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6NYCRR 621.13

Item 1-2.1:

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

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

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

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,

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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 6 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 6 Headquarters
Division of Environmental Permits
State Office Building, 317 Washington Street
Watertown, NY 13601-3787
(315) 785-2245

Condition 1-3: Submission of application for permit modification or renewal-REGION 6 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 1-3.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 6 Headquarters
Division of Environmental Permits
State Office Building, 317 Washington Street
Watertown, NY 13601-3787
(315) 785-2245



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ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: BURROWS PAPER CORP
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LITTLE FALLS, NY 13365-1403

Facility: BURROWS PAPER CORP LYONSDALE
CO RT 39 & LOWDALE RD
LYONS FALLS, NY 13368

Authorized Activity By Standard Industrial Classification Code:
2621 - PAPER MILLS EXC BUILDING PAPER
2631 - PAPERBOARD MILLS
2647 - SANITARY PAPER PRODUCTS(1977)

Mod 0 Permit Effective Date: 01/21/2004

Permit Expiration Date: No expiration date.

Mod 1 Permit Effective Date: 05/14/2007

Permit Expiration Date: No expiration date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1-1 40CFR 68: Accidental release provisions.
- 1-2 6NYCRR 201-7: Facility Permissible Emissions
- *1-3 6NYCRR 201-7: Capping Monitoring Condition
- *1-4 6NYCRR 201-7: Capping Monitoring Condition
- *1-5 6NYCRR 201-7: Capping Monitoring Condition
- *1-6 6NYCRR 201-7: Capping Monitoring Condition
- *1-7 6NYCRR 201-7: Capping Monitoring Condition
- *1-8 6NYCRR 201-7: Capping Monitoring Condition
- *1-9 6NYCRR 201-7: Capping Monitoring Condition
- *1-10 6NYCRR 201-7: Capping Monitoring Condition
- *1-11 6NYCRR 201-7: Capping Monitoring Condition

Emission Unit Level

- 1-12 6NYCRR 201-7: Emission Unit Permissible Emissions
- 1-13 6NYCRR 201-7: Process Permissible Emissions

EU=6-00002

- 21 6NYCRR 227-1.3: Compliance Demonstration
- 22 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 23 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 24 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 25 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 26 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 27 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 28 40CFR 60.9, NSPS Subpart A: Availability of information.
- 29 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 30 40CFR 60.12, NSPS Subpart A: Circumvention.
- 31 40CFR 60.14, NSPS Subpart A: Modifications.
- 32 40CFR 60.15, NSPS Subpart A: Reconstruction.
- 33 40CFR 60.40c, NSPS Subpart Dc: Applicability of this Subpart to this emission source
- 34 40CFR 60.45c, NSPS Subpart Dc: Compliance methods for particulate matter.

EU=6-00002,Proc=007

- 36 40CFR 60.42c(g), NSPS Subpart Dc: Averaging period.
- 38 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate matter and opacity standards.
- 39 40CFR 60.44c(g), NSPS Subpart Dc: Alternative compliance methods for sulfur dioxide.
- 40 40CFR 60.44c(h), NSPS Subpart Dc: Compliance Demonstration



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41 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.

EU=6-00002,EP=00002

42 6NYCRR 227-1.3(a): Compliance Demonstration

EU=6-00003

53 6NYCRR 212.4(c): Compliance Demonstration

54 6NYCRR 212.6(a): Compliance Demonstration

EU=6-00003,Proc=173

*1-14 6NYCRR 201-7: Capping Monitoring Condition

*1-15 6NYCRR 201-7: Capping Monitoring Condition

*1-16 6NYCRR 201-7: Capping Monitoring Condition

*1-17 6NYCRR 201-7: Capping Monitoring Condition

*1-18 6NYCRR 201-7: Capping Monitoring Condition

*1-19 6NYCRR 201-7: Capping Monitoring Condition

*1-20 6NYCRR 201-7: Capping Monitoring Condition

*1-21 6NYCRR 201-7: Capping Monitoring Condition

*1-22 6NYCRR 201-7: Capping Monitoring Condition

*1-23 6NYCRR 201-7: Capping Monitoring Condition

*1-24 6NYCRR 201-7: Capping Monitoring Condition

*1-25 6NYCRR 201-7: Capping Monitoring Condition

*1-26 6NYCRR 201-7: Capping Monitoring Condition

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

68 ECL 19-0301: Contaminant List

69 6NYCRR 201-1.4: Unavoidable noncompliance and violations

70 6NYCRR 201-5: Emission Unit Definition

71 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

72 6NYCRR 201-5: Emission Point Definition By Emission Unit

73 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6NYCRR Part 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

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

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6

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

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

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

Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2

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

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6NYCRR Part 201-1.5

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

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

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

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

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

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



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occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item F: Recycling and Salvage - 6NYCRR Part 201-1.7

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

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8

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

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)

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

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific



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

Item J: Required Emission Tests - 6 NYCRR Part 202-1.1

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

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

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

Item L: Open Fires - 6 NYCRR Part 215

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

Item M: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not

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limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

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

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

FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

Condition 1-1: Accidental release provisions.

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 68

Replaces Condition(s) 14

Item 1-1.1:

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:

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

Condition 1-2: Facility Permissible Emissions

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-2.1:

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: 000107-21-1 (From Mod 1) PTE: 19,800 pounds per year
Name: 1,2-ETHANEDIOL

CAS No: 000110-80-5 (From Mod 1) PTE: 19,800 pounds per year
Name: ETHANOL, 2-ETHOXY-

CAS No: 000111-46-6 (From Mod 1) PTE: 19,800 pounds per year
Name: ETHANOL, 2,2'-OXYBIS-

CAS No: 000630-08-0 (From Mod 1) PTE: 32,193 pounds per year
Name: CARBON MONOXIDE

CAS No: 003313-92-6 (From Mod 1) PTE: 6,000 pounds per year
Name: PEROXYDICARBONIC ACID,DISODIUM SALT (8CI9CI)

CAS No: 006834-92-0 (From Mod 1) PTE: 6,000 pounds per year
Name: SILICIC ACID (H2SI03),DISODIUM SALT (8CI9CI)

CAS No: 007446-09-5 (From Mod 1) PTE: 82,344 pounds per year
Name: SULFUR DIOXIDE

CAS No: 007647-01-0 (From Mod 1) PTE: 19,800 pounds per year
Name: HYDROGEN CHLORIDE

CAS No: 007722-84-1 (From Mod 1) PTE: 1,000 pounds per year
Name: HYDROGEN PEROXIDE

CAS No: 014464-46-1 (From Mod 1) PTE: 3,300 pounds per year
Name: CRISTOBALITE (SI02)



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CAS No: 014808-60-7 (From Mod 1) PTE: 3,300 pounds per year
Name: QUARTZ

CAS No: 0NY075-00-0 (From Mod 1) PTE: 12,352 pounds per year
Name: PARTICULATES

CAS No: 0NY100-00-0 (From Mod 1) PTE: 49,800 pounds per year
Name: HAP

CAS No: 0NY210-00-0 (From Mod 1) PTE: 49,407 pounds per year
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0 (From Mod 1) PTE: 98,000 pounds per year
Name: VOC

Condition 1-3: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-3.1:

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

6NYCRR 201-6.1(a)

Item 1-3.2:

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

Item 1-3.3:

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

Item 1-3.4:

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

Item 1-3.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for



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which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 1-3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007722-84-1 HYDROGEN PEROXIDE

Item 1-3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

HYDROGEN PEROXIDE EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED BY USING THE CHEMICAL SUPPLIERS DATA, THE AMOUNT OF USAGE ON THE PAPER MACHINE, AND APPLICABLE EMISSION FACTORS. THE HYDROGEN PEROXIDE EMISSIONS WILL BE CALCULATED ON A TWELVE MONTH ROLLING AVERAGE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 1000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-4: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-4.1:

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

6NYCRR 201-6.1(a)

Item 1-4.2:



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

Item 1-4.3:

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

Item 1-4.4:

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

Item 1-4.5:

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

Item 1-4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

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

CAS No: 0NY075-00-0 PARTICULATES

Item 1-4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE PARTICULATE, NITROGEN OXIDES, AND CARBON MONOXIDE EMISSIONS FROM THE BOILER WILL BE MONITORED BY COMPARING THE EMISSION RATE AS GUARANTEED BY THE BURNER MANUFACTURER WITH THE THROUGHPUT TO CALCULATE EMISSIONS. THE QUANTITY OF NATURAL GAS AND FUEL OIL USAGE IS LIMITED BY THE CAPACITY OF THE BURNER. FACILITY WIDE PARTICULATE, NITROGEN OXIDES, AND CARBON MONOXIDE EMISSIONS ARE LIMITED TO 99.0 TONS PER YEAR.



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: FUEL
Upper Permit Limit: 99.0 tons per year
Reference Test Method: EPA Method 5
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-5: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-5.1:

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

6NYCRR 201-6.1(a)

Item 1-5.2:

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

Item 1-5.3:

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

Item 1-5.4:

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

Item 1-5.5:

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

Item 1-5.6:



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 1-5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

HAPS FROM THE PROCESS AREA WILL BE DETERMINED USING THE CHEMICAL SUPPLIERS HAP DATA. THE RATE OF USAGE ON THE PAPER MACHINE, AND THE APPLICABLE EMISSION FACTORS. THE HAP EMISSIONS WILL BE CALCULATED ON A TWELVE MONTH ROLLING AVERAGE TO ASSURE THAT THE CAP OF 24.9 TONS PER YEAR IS MET.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 24.9 tons per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-6: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-6.1:

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

6NYCRR 201-6.1(a)

Item 1-6.2:

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

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



Item 1-6.3:

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

Item 1-6.4:

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

Item 1-6.5:

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

Item 1-6.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 1-6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

THE SULFUR DIOXIDE EMISSIONS FROM THE
BOILER WILL BE MONITORED BY REQUIRING
THAT THE NO. 2 FUEL OIL SULFUR CONTENT
NOT EXCEED 0.2 PERCENT BY WT. THE
SUPPLIER WILL PROVIDE A CERTIFICATION FOR
EACH DEMONSTRATING COMPLIANCE WITH THIS
REQUIREMENT. THIS SPECIFICATION IS
REQUIRED TO MAINTAIN POTENTIAL EMISSIONS
BELOW THE MAJOR SOURCE THRESHOLD AND NOT
EXCEED AMBIENT AIR QUALITY STANDARD.
SULFUR DIOXIDE FROM NATURAL GAS
COMBUSTION, ALTHOUGH MINIMAL, WILL BE
INCLUDED IN THE FACILITY EMISSION
RECORDS.



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

Manufacturer Name/Model Number: NEBRASKA BOILER
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.2 percent by weight
Reference Test Method: ASTM D2880-71
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-7: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-7.1:

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

6NYCRR 201-6.1(a)

Item 1-7.2:

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

Item 1-7.3:

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

Item 1-7.4:

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

Item 1-7.5:

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

Item 1-7.6:



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 1-7.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

HYDROCHLORIC ACID EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED BY USING THE CHEMICAL SUPPLIERS HAP DATA, THE AMOUNT OF USAGE ON THE PAPER MACHINE, AND APPLICABLE EMISSION FACTORS. THE HYDROCHLORIC ACID EMISSIONS WILL BE CALCULATED ON A TWELVE MONTH ROLLING AVERAGE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 9.9 tons per year

Reference Test Method: EPA Method 26

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-8: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-8.1:

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

6NYCRR 201-6.1(a)

Item 1-8.2:

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

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



Item 1-8.3:

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

Item 1-8.4:

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

Item 1-8.5:

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

Item 1-8.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000111-46-6 ETHANOL, 2,2'-OXYBIS-

Item 1-8.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

2,2'-OXYBIS-ETHANOL (GLYCOL ETHER)
EMISSIONS FROM THE PROCESS AREA WILL BE
CALCULATED BY USING THE CHEMICAL
SUPPLIERS HAP DATA, THE AMOUNT OF USAGE
ON THE PAPER MACHINE, AND APPLICABLE
EMISSION FACTORS. THE
2,2'-OXYBIS-ETHANOL (GLYCOL ETHER)
EMISSIONS WILL BE CALCULATED ON A TWELVE
MONTH ROLLING AVERAGE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 9.9 tons per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-9: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-9.1:

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

6NYCRR 201-6.1(a)

Item 1-9.2:

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

Item 1-9.3:

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

Item 1-9.4:

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

Item 1-9.5:

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

Item 1-9.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 003313-92-6

PEROXYDICARBONIC ACID,DISODIUM SALT (8CI9CI)



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

Item 1-9.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

SODIUM PERCARBONATE EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED BY USING THE CHEMICAL SUPPLIERS DATA, THE AMOUNT OF USAGE ON THE PAPER MACHINE, AND APPLICABLE EMISSION FACTORS. THE SODIUM PERCARBONATE EMISSIONS WILL BE CALCULATED ON A TWELVE MONTH ROLLING AVERAGE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 6000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-10: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-10.1:

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

6NYCRR 201-6.1(a)

Item 1-10.2:

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

Item 1-10.3:

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.

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



Item 1-10.4:

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

Item 1-10.5:

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

Item 1-10.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 1-10.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

VOC EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED USING THE CHEMICAL MANUFACTURERS VOC DATA AND THE RATE OF USAGE ON THE PAPER MACHINE. EMISSIONS OF VOCs FROM THE BOILER WILL BE CALCULATED USING THE STACK TEST EMISSION FACTORS WITH FUEL USAGE. EMISSIONS OF VOC FROM THE FACILITY ARE LIMITED TO 49.0 TONS PER YEAR.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: VOC's

Upper Permit Limit: 49.0 tons per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-11: Capping Monitoring Condition

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-11.1:

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

6NYCRR 201-6.1(a)

Item 1-11.2:

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

Item 1-11.3:

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

Item 1-11.4:

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

Item 1-11.5:

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

Item 1-11.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 006834-92-0

SILICIC ACID (H₂SiO₃),DISODIUM SALT (8CI9CI)

Item 1-11.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



SODIUM METASILICATE EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED BY USING THE CHEMICAL SUPPLIERS DATA, THE AMOUNT OF USAGE ON THE PAPER MACHINE, AND APPLICABLE EMISSION FACTORS. THE SODIUM METASILICATE EMISSIONS WILL BE CALCULATED ON A TWELVE MONTH ROLLING AVERAGE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 6000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

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

Condition 1-12: Emission Unit Permissible Emissions

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-12.1:

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

Emission Unit: 6-00003

CAS No: 000056815 (From Mod 1)

Name: GLYCEROL

PTE(s): 100 pounds per year

0.02 pounds per hour

CAS No: 000057136 (From Mod 1)

Name: UREA

PTE(s): 25 pounds per year

0.01 pounds per hour

CAS No: 000057556 (From Mod 1)

Name: METHYLETHYL GLYCOL

PTE(s): 0.1 pounds per hour

500 pounds per year



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

CAS No: 000102716 (From Mod 1)

Name: 2,2,2-NITRILOTRIS ETHANOL

PTE(s): 100 pounds per year

0.02 pounds per hour

CAS No: 000107211 (From Mod 1)

Name: 1,2-ETHANEDIOL

PTE(s): 2.26 pounds per hour

19,800 pounds per year

CAS No: 000110805 (From Mod 1)

Name: ETHANOL, 2-ETHOXY-

PTE(s): 2.26 pounds per hour

19,800 pounds per year

CAS No: 000111422 (From Mod 1)

Name: ETHANOL, 2,2'-IMINOBIS-

PTE(s): 0.02 pounds per hour

100 pounds per year

CAS No: 000497198 (From Mod 1)

Name: SODIUM CARBONATE

PTE(s): 0.2 pounds per hour

1,000 pounds per year

CAS No: 000546930 (From Mod 1)

Name: CARBONIC ACID,MAGNESIUM SALT (1:1) (8CI9CI)

PTE(s): 100 pounds per year

0.02 pounds per hour

CAS No: 007647010 (From Mod 1)

Name: HYDROGEN CHLORIDE

PTE(s): 2.26 pounds per hour

19,800 pounds per year

CAS No: 007775271 (From Mod 1)

Name: SODIUM PERSULFATE

PTE(s): 0.1 pounds per hour

500 pounds per year

CAS No: 014464461 (From Mod 1)

Name: CRISTOBALITE (SI02)

PTE(s): 0.3767 pounds per hour

3,300 pounds per year

CAS No: 014807966 (From Mod 1)



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

Name: TALC

PTE(s): 200 pounds per year
0.05 pounds per hour

CAS No: 014808607 (From Mod 1)

Name: QUARTZ

PTE(s): 0.3767 pounds per hour
3,300 pounds per year

CAS No: 0NY998000 (From Mod 1)

Name: VOC

PTE(s): 11.05 pounds per hour
96,765 pounds per year

CAS No: 0NY100000 (From Mod 1)

Name: HAP

PTE(s): 49,800 pounds per year
5,684 pounds per hour

Condition 1-13: Process Permissible Emissions

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 0-13.1:

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

Emission Unit: 6-00002 Process: 007

CAS No: 000630-08-0 (From Mod 0)

Name: CARBON MONOXIDE

PTE(s): 3.666 pounds per hour
32,114 pounds per year

CAS No: 007446-09-5 (From Mod 0)

Name: SULFUR DIOXIDE

PTE(s): 9.4 pounds per hour
82,344 pounds per year

CAS No: 0NY075-00-0 (From Mod 0)

Name: PARTICULATES

PTE(s): 1.41 pounds per hour
12,352 pounds per year

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



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

Name: OXIDES OF NITROGEN

PTE(s): 5.64 pounds per hour
49,407 pounds per year

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

Name: VOC

PTE(s): 0.141 pounds per hour
1,235 pounds per year

Emission Unit: 6-00002 Process: 012

CAS No: 000630-08-0 (From Mod 0)

Name: CARBON MONOXIDE

PTE(s): 3.675 pounds per hour
32,193 pounds per year

CAS No: 007446-09-5 (From Mod 0)

Name: SULFUR DIOXIDE

PTE(s): 0.049 pounds per hour
429.2 pounds per year

CAS No: 0NY075-00-0 (From Mod 0)

Name: PARTICULATES

PTE(s): 0.245 pounds per hour
2,146 pounds per year

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

Name: OXIDES OF NITROGEN

PTE(s): 3.92 pounds per hour
34,339 pounds per year

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

Name: VOC

PTE(s): 0.1332 pounds per hour
1,167 pounds per year

Emission Unit: 6-00003 Process: 173

CAS No: 000056-81-5 (From Mod 1)

Name: GLYCEROL

PTE(s): 0.02 pounds per hour
100 pounds per year

CAS No: 000057-13-6 (From Mod 1)

Name: UREA

PTE(s): 0.01 pounds per hour
25 pounds per year



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

CAS No: 000057-55-6 (From Mod 1)

Name: METHYLETHYL GLYCOL

PTE(s): 0.1 pounds per hour

500 pounds per year

CAS No: 000102-71-6 (From Mod 1)

Name: 2,2,2-NITRILOTRIS ETHANOL

PTE(s): 0.02 pounds per hour

100 pounds per year

CAS No: 000107-21-1 (From Mod 1)

Name: 1,2-ETHANEDIOL

PTE(s): 2.26 pounds per hour

19,800 pounds per year

CAS No: 000110-80-5 (From Mod 1)

Name: ETHANOL, 2-ETHOXY-

PTE(s): 2.26 pounds per hour

19,800 pounds per year

CAS No: 000111-42-2 (From Mod 1)

Name: ETHANOL, 2,2'-IMINOBIS-

PTE(s): 0.02 pounds per hour

100 pounds per year

CAS No: 000497-19-8 (From Mod 1)

Name: SODIUM CARBONATE

PTE(s): 0.2 pounds per hour

1,000 pounds per year

CAS No: 000546-93-0 (From Mod 1)

Name: CARBONIC ACID,MAGNESIUM SALT (1:1) (8CI9CI)

PTE(s): 0.02 pounds per hour

100 pounds per year

CAS No: 007647-01-0 (From Mod 1)

Name: HYDROGEN CHLORIDE

PTE(s): 2.26 pounds per hour

19,800 pounds per year

CAS No: 007775-27-1 (From Mod 1)

Name: SODIUM PERSULFATE

PTE(s): 0.1 pounds per hour

500 pounds per year

CAS No: 014464-46-1 (From Mod 1)



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Name: CRISTOBALITE (SI02)

PTE(s): 0.3767 pounds per hour
3,300 pounds per year

CAS No: 014807-96-6 (From Mod 1)

Name: TALC

PTE(s): 0.05 pounds per hour
200 pounds per year

CAS No: 014808-60-7 (From Mod 1)

Name: QUARTZ

PTE(s): 0.3767 pounds per hour
3,300 pounds per year

CAS No: 0NY998-00-0 (From Mod 1)

Name: VOC

PTE(s): 11.05 pounds per hour
96,765 pounds per year

CAS No: 0NY100-00-0 (From Mod 1)

Name: HAP

PTE(s): 5,684 pounds per hour
49,800 pounds per year

Condition 21: Compliance Demonstration

Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours

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except during adverse weather conditions (fog, rain, or snow).

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

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

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

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

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

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

Monitoring Frequency: DAILY

Reporting Requirements: NOVEMBER 30TH

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Condition 22: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60, NSPS Subpart A

Item 22.1:

This Condition applies to Emission Unit: 6-00002

Item 22.2:

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 23: EPA Region 2 address.
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 23.1:

This Condition applies to Emission Unit: 6-00002

Item 23.2:

All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

Director, Division of Enforcement and Compliance Assistance
USEPA Region 2
290 Broadway, 21st Floor
New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

NYSDEC
Bureau of Enforcement and Compliance Assurance
625 Broadway
Albany, NY 12233-3258

Condition 24: Modification Notification
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.7(a), NSPS Subpart A

Item 24.1:

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This Condition applies to Emission Unit: 6-00002

Item 24.2:

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

Condition 25: Recordkeeping requirements.

Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.7(b), NSPS Subpart A

Item 25.1:

This Condition applies to Emission Unit: 6-00002

Item 25.2:

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Condition 26: Performance testing timeline.

Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(a), NSPS Subpart A

Item 26.1:

This Condition applies to Emission Unit: 6-00002

Item 26.2:

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

Condition 27: Performance test methods.

Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(b), NSPS Subpart A

Item 27.1:



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This Condition applies to Emission Unit: 6-00002

Item 27.2:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

Condition 28: Availability of information.

Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A

Item 28.1:

This Condition applies to Emission Unit: 6-00002

Item 28.2:

The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by part 2 of this chapter.

Condition 29: Opacity standard compliance testing.

Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A

Item 29.1:

This Condition applies to Emission Unit: 6-00002

Item 29.2:

The following conditions shall be used to determine compliance with the opacity standards:

1) observations shall be conducted in accordance with Reference Method 9, in Appendix A or this Part 40 CFR 60(or an equivalent method approved by the Administrator including continuous opacity monitors);

2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and

3) all other applicable conditions cited in section 60.11 of this part.

Condition 30: Circumvention.

Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 30.1:

This Condition applies to Emission Unit: 6-00002

Item 30.2:



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No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

Condition 31: Modifications.

Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A

Item 31.1:

This Condition applies to Emission Unit: 6-00002

Item 31.2:

Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

Condition 32: Reconstruction.

Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A

Item 32.1:

This Condition applies to Emission Unit: 6-00002

Item 32.2:

The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15):

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the

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applicable standards of performance after the proposed replacements.

Condition 33: Applicability of this Subpart to this emission source
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.40c, NSPS Subpart Dc

Item 33.1:

This Condition applies to Emission Unit: 6-00002

Item 33.2:

This emission source is subject to the applicable General Provisions of 40 CFR 60 Subpart Dc. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

Condition 34: Compliance methods for particulate matter.
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.45c, NSPS Subpart Dc

Item 34.1:

This Condition applies to Emission Unit: 6-00002

Item 34.2:

The facility shall conduct compliance testing for particulate matter by the methods listed in this section 40 CFR 60-Dc.45c.

Condition 36: Averaging period.
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.42c(g), NSPS Subpart Dc

Item 36.1:

This Condition applies to Emission Unit: 6-00002
Process: 007

Item 36.2:

Compliance with emission limits, percent reduction, and fuel oil sulfur limitations shall be based on a 30 day rolling average.

Condition 38: Enforceability of particulate matter and opacity standards.
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.43c(d), NSPS Subpart Dc

Item 38.1:



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This Condition applies to Emission Unit: 6-00002
Process: 007

Item 38.2:

The particulate matter and opacity standards of section 40 CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

Condition 39: Alternative compliance methods for sulfur dioxide.
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.44c(g), NSPS Subpart Dc

Item 39.1:

This Condition applies to Emission Unit: 6-00002
Process: 007

Item 39.2:

Oil fired facilities demonstrating compliance through sampling and analysis shall initially prove the oil sulfur content to be 0.50% by weight or less.

Condition 40: Compliance Demonstration
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.44c(h), NSPS Subpart Dc

Item 40.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002
Process: 007

Item 40.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

THE FACILITY OWNER AND/OR OPERATOR MUST
DEMONSTRATE COMPLIANCE WITH THE
REQUIREMENTS OF 40 CFR 60.42c(h).
FACILITIES DEMONSTRATING COMPLIANCE USING
THE FUEL SUPPLIER CERTIFICATION, FOR
SULFUR-IN-FUEL LIMITATIONS (BASED ON A
PERCENT BY WEIGHT OF SULFUR IN THE FUEL),
SHALL SUBMIT THE CERTIFICATION IN
ACCORDANCE WITH THE PROVISIONS OF 40 CFR
60.48c(f)(1), (2), AND (3), AS

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APPLICABLE.

Manufacturer Name/Model Number: NEBRASKA NS-C-50

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 41: Exemption from sulfur dioxide monitoring requirements.
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.46c(e), NSPS Subpart Dc

Item 41.1:

This Condition applies to Emission Unit: 6-00002

Process: 007

Item 41.2:

Facilities subject to paragraphs 40 CFR 60-Dc.42c(h)(1), (2), or (3) showing compliance through vendor certification shall be exempt from section 40 CFR 60-Dc.46c.

Condition 42: Compliance Demonstration
Effective between the dates of 01/21/2004 and Permit Expiration Date

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

Item 42.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002 Emission Point: 00002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 42.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity (on a six minute block period) except for one six minute block period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR

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60.

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

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

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

- weather condition
- was a plume observed?

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

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then the 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.



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Manufacturer Name/Model Number: Nebraska Boiler
Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2004.
Subsequent reports are due every 6 calendar month(s).

Condition 53: Compliance Demonstration
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 53.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 53.2:

Compliance Demonstration 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.

Manufacturer Name/Model Number: PAPER MACHINES

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 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: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2005.

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

Condition 54: Compliance Demonstration

Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 54.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Item 54.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will immediately investigate any instance where there is cause to believe that visible emissions above those that are normal and in compliance are occurring or have occurred from a process source.

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 emission sources), the permittee shall determine the cause, make the necessary correction, and verify that the excess visible emissions problem has been corrected.

If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the permittee will immediately notify The Department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

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Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.

Reference Test Method: EPA METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2004.

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

Condition 1-14: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-14.1:

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

6NYCRR 201-6.1(a)

Item 1-14.2:

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

Item 1-14.3:

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

Item 1-14.4:

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

Item 1-14.5:



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

Item 1-14.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 014464-46-1 CRISTOBALITE (SI02)

Item 1-14.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THE CRISTOBALITE EMISSIONS FROM THE
PROCESS AREA WILL BE CALCULATED USING THE
MANUFACTURERS HAP DATA, QUANTITY USED ON
THE PAPER MACHINE AND ANY APPLICABLE
EMISSIONS FACTORS. THE CRISTOBALITE
EMISSIONS WILL BE CALCULATED ON A
12-MONTH ROLLING TOTAL.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: CRISTOBALITE (SI02)

Upper Permit Limit: 3300 pounds per year

Reference Test Method: EPA METHOD 5

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-15: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-15.1:

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

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applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6.1(a)

Item 1-15.2:

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

Item 1-15.3:

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

Item 1-15.4:

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

Item 1-15.5:

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

Item 1-15.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 000546-93-0

CARBONIC ACID,MAGNESIUM SALT (1:1) (8CI9CI)

Item 1-15.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THE POTENTIAL MAGNESITE EMISSIONS FROM
THE PULPING PROCESS WILL BE CALCULATED
USING THE DATA SUPPLIED TO US BY THE
MANUFACTURER OF THE CHEMICALS THAT

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CONTAIN MAGNESITE.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: CARBONIC ACID,MAGNESIUM SALT (1:1) (8CI9CI)

Upper Permit Limit: 100 pounds per year

Reference Test Method: EPA METHOD 5

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-16: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-16.1:

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

6NYCRR 201-6.1(a)

Item 1-16.2:

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

Item 1-16.3:

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

Item 1-16.4:

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

Item 1-16.5:

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.

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



Item 1-16.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 000102-71-6 2,2,2-NITRILOTRIS ETHANOL

Item 1-16.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

TRIETHANOLAMINE IS A COMPONENT OF PAPER
DYES THAT ARE ADDED TO THE PULPERS AS A
LIQUID. EMISSIONS OF TRIETHANOLAMINE WILL
BE CALCULATED BASED ON THE AMOUNT USED ON
THE PAPER MACHINE AND APPLICABLE EMISSION
FACTORS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: 2,2,2-NITRILOTRIS ETHANOL

Upper Permit Limit: 100 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-17: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-17.1:

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

6NYCRR 201-6.1(a)

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



Item 1-17.2:

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

Item 1-17.3:

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

Item 1-17.4:

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

Item 1-17.5:

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

Item 1-17.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 000110-80-5 ETHANOL, 2-ETHOXY-

Item 1-17.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THE ETHYLENE GLYCOL MONOETHYL ETHER
EMISSIONS FROM THE PROCESS AREA WILL BE
CALCULATED USING THE MANUFACTURERS HAP
DATA, QUANTITY USED ON THE PAPER MACHINE
AND ANY APPLICABLE EMISSION FACTORS. THE
ETHYLENE GLYCOL MONOETHYL ETHER EMISSIONS
WILL BE CALCULATED ON A 12 MONTH ROLLING
BASIS.

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: MATERIAL
Parameter Monitored: ETHANOL, 2-ETHOXY-
Upper Permit Limit: 19800 pounds per year
Reference Test Method: EPA METHOD 25
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-18: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-18.1:

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

6NYCRR 201-6.1(a)

Item 1-18.2:

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

Item 1-18.3:

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

Item 1-18.4:

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

Item 1-18.5:

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.



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

Item 1-18.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 000107-21-1 1,2-ETHANEDIOL

Item 1-18.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THE ETHYLENE GLYCOL EMISSIONS FROM THE
PROCESS AREA WILL BE CALCULATED USING THE
MANUFACTURERS HAP DATA, QUANTITY USED ON
THE PAPER MACHINE AND ANY APPLICABLE
EMISSIONS FACTORS. THE ETHYLENE GLYCOL
EMISSIONS WILL BE CALCULATED ON A
12-MONTH ROLLING TOTAL

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: 1,2-ETHANEDIOL

Upper Permit Limit: 19800 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-19: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-19.1:

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

6NYCRR 201-6.1(a)

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



Item 1-19.2:

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

Item 1-19.3:

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

Item 1-19.4:

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

Item 1-19.5:

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

Item 1-19.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 000056-81-5 GLYCEROL

Item 1-19.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

GLYCERIN IS A COMPONENT OF PAPER DYES
THAT ARE ADDED TO THE PULPERS AS A
LIQUID. EMISSIONS OF GLYCERIN ARE BASED
ON THE AMOUNT USED ON THE PAPER MACHINE
AND APPLICABLE EMISSION FACTORS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

Parameter Monitored: GLYCEROL
Upper Permit Limit: 100 pounds per year
Reference Test Method: EPA METHOD 25
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-20: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-20.1:

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

6NYCRR 201-6.1(a)

Item 1-20.2:

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

Item 1-20.3:

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

Item 1-20.4:

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

Item 1-20.5:

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

Item 1-20.6:

The Compliance Demonstration activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 000111-42-2 ETHANOL, 2,2'-IMINOBIS-

Item 1-20.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

DIETHANOLAMINE IS A COMPONENT OF PAPER DYES THAT ARE ADDED TO THE PULPERS AS A LIQUID. EMISSIONS OF DIETHANOLAMINE ARE BASED ON THE AMOUNT USED ON THE PAPER MACHINE AND APPLICABLE EMISSION FACTORS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: ETHANOL, 2,2'-IMINOBIS-

Upper Permit Limit: 100 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-21: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-21.1:

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

6NYCRR 201-6.1(a)

Item 1-21.2:

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



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

Item 1-21.3:

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

Item 1-21.4:

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

Item 1-21.5:

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

Item 1-21.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003
Process: 173

Regulated Contaminant(s):
CAS No: 007775-27-1 SODIUM PERSULFATE

Item 1-21.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS
Monitoring Description:
THE POTENTIAL SODIUM PERSULFATE
EMISSIONS FROM THE PULPING PROCESS WILL
BE CALCULATED USING THE DATA SUPPLIED TO
US BY THE MANUFACTURER OF THE CHEMICALS
THAT CONTAIN SODIUM PERSULFATE.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: MATERIAL
Parameter Monitored: SODIUM PERSULFATE
Upper Permit Limit: 500 pounds per year
Reference Test Method: EPA METHOD 5
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY



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Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-22: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-22.1:

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

6NYCRR 201-6.1(a)

Item 1-22.2:

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

Item 1-22.3:

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

Item 1-22.4:

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

Item 1-22.5:

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

Item 1-22.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 000057-55-6 METHYLETHYL GLYCOL

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



Item 1-22.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

PROPYLENE GLYCOL IS A COMPONENT OF PAPER DYES THAT ARE ADDED TO THE PULPERS AS A LIQUID. EMISSIONS OF PROPYLENE GLYCOL ARE BASED ON THE AMOUNT USED ON THE PAPER MACHINE AND APPLICABLE EMISSIONS FACTORS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: METHYLETHYL GLYCOL

Upper Permit Limit: 500 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-23: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-23.1:

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

6NYCRR 201-6.1(a)

Item 1-23.2:

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

Item 1-23.3:

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



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Permit ID: 6-2338-00002/00011

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hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 1-23.4:

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

Item 1-23.5:

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

Item 1-23.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 000497-19-8 SODIUM CARBONATE

Item 1-23.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE POTENTIAL SODIUM CARBONATE EMISSIONS FROM THE PULPING PROCESS WILL BE CALCULATED USING THE DATA SUPPLIED TO US BY THE MANUFACTURER OF THE CHEMICALS THAT CONTAIN SODIUM CARBONATE.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: SODIUM CARBONATE

Upper Permit Limit: 1000 pounds per year

Reference Test Method: EPA METHOD 5

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



Condition 1-24: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-24.1:

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

6NYCRR 201-6.1(a)

Item 1-24.2:

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

Item 1-24.3:

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

Item 1-24.4:

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

Item 1-24.5:

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

Item 1-24.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 000057-13-6 UREA

Item 1-24.7:

Compliance Demonstration shall include the following monitoring:



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Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

UREA IS A COMPONENT OF PAPER DYES THAT ARE ADDED TO THE PULPERS AS A LIQUID. EMISSIONS OF UREA WILL BE CALCULATED BASED ON THE AMOUNT USED AND APPLICABLE EMISSION FACTORS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: UREA

Upper Permit Limit: 25 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-25: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-25.1:

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

6NYCRR 201-6.1(a)

Item 1-25.2:

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

Item 1-25.3:

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

Item 1-25.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an



New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

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emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 1-25.5:

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

Item 1-25.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 014807-96-6 TALC

Item 1-25.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THE POTENTIAL TALC EMISSIONS FROM THE
PUPLPING PROCESS WILL BE CALCULATED USING
THE DATA SUPPLIED TO US BY THE
MANUFACTURER OF THE CHEMICALS THAT
CONTAIN TALC.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: TALC

Upper Permit Limit: 200 pounds per year

Reference Test Method: EPA METHOD 5

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 1-26: Capping Monitoring Condition

Effective between the dates of 05/14/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



Item 1-26.1:

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

6NYCRR 201-6.1(a)

Item 1-26.2:

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

Item 1-26.3:

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

Item 1-26.4:

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

Item 1-26.5:

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

Item 1-26.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 014808-60-7 QUARTZ

Item 1-26.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THE QUARTZ EMISSIONS FROM THE PROCESS

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AREA WILL BE CALCULATED USING THE
MANUFACTURERS HAP DATA, QUANTITY USED ON
THE PAPER MACHINE AND ANY APPLICABLE
EMISSION FACTORS. THE QUARTZ EMISSIONS
WILL BE CALCULATED ON A 12-MONTH ROLLING
TOTAL.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: QUARTZ

Upper Permit Limit: 3300 pounds per year

Reference Test Method: EPA METHOD 5

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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: Public Access to Recordkeeping for Facilities With State Facility Permits - 6NYCRR Part 201-1.10(a)

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1), and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

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

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

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

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law.

STATE ONLY APPLICABLE REQUIREMENTS
The following conditions are state only enforceable.

Condition 68: Contaminant List
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 68.1:

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

CAS No: 000107-21-1

Name: 1,2-ETHANEDIOL

CAS No: 000102-71-6

Name: 2,2,2-NITRILOTRIS ETHANOL

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 000546-93-0

Name: CARBONIC ACID,MAGNESIUM SALT (1:1) (8CI9CI)

CAS No: 014464-46-1

Name: CRISTOBALITE (SI02)

CAS No: 000111-42-2

Name: ETHANOL, 2,2'-IMINOBIS-

CAS No: 000111-46-6

Name: ETHANOL, 2,2'-OXYBIS-

CAS No: 000110-80-5

Name: ETHANOL, 2-ETHOXY-

CAS No: 000056-81-5

Name: GLYCEROL

CAS No: 0NY100-00-0

Name: HAP

CAS No: 007647-01-0



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Name: HYDROGEN CHLORIDE

CAS No: 007722-84-1

Name: HYDROGEN PEROXIDE

CAS No: 000057-55-6

Name: METHYLETHYL GLYCOL

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 003313-92-6

Name: PEROXYDICARBONIC ACID,DISODIUM SALT (8CI9CI)

CAS No: 014808-60-7

Name: QUARTZ

CAS No: 006834-92-0

Name: SILICIC ACID (H₂SiO₃),DISODIUM SALT (8CI9CI)

CAS No: 000497-19-8

Name: SODIUM CARBONATE

CAS No: 007775-27-1

Name: SODIUM PERSULFATE

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 014807-96-6

Name: TALC

CAS No: 000057-13-6

Name: UREA

CAS No: 0NY998-00-0

Name: VOC

Condition 69: Unavoidable noncompliance and violations

Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 69.1:



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

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

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

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

Condition 70: Emission Unit Definition

Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

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Item 70.1(From Mod 1):

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

Emission Unit: 6-00003

Emission Unit Description:

THE PAPER MAKING PROCESS IS EMISSION UNIT #00003 AND INCLUDES THE EMISSION POINT FROM THE WET-END AND THE EMISSION POINT FROM THE DRYER HOOD OF THE PAPER MACHINE. THE WET-END EXHAUST FAN IS LOCATED IN THE ROOF ABOVE THE PAPER MACHINE. THE DRY-END EXHAUST FAN IS INSTALLED AFTER THE DRYER HOOD AND HEAT EXCHANGER OF THE PAPER MACHINE. BOTH 36 INCH DIAMETER EMISSION POINTS ARE AT A HEIGHT OF 70 FEET ABOVE THE PAPER MACHINE FLOOR. WE ARE PROPOSING TO ADD TWO OTHER EXHAUST FANS TO THE STATE FACILITY AIR PERMIT FOR THE PAPER PULPING AREA OF THE PAPER MAKING PROCESS. THESE POINTS WILL BE NUMBERED EMISSION POINTS 00005 AND 00006.

Building(s): BR
PA
WH

Item 70.2(From Mod 0):

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

Emission Unit: 6-00002

Emission Unit Description:

THIS EMISSION UNIT IS A 49-0 MMBTU PER HOUR STEAM GENERATING BOILER THAT IS CAPABLE OF OPERATING ON NATURAL GAS OR NO. 2 FUEL OIL. THE BOILER HAS ONE EMISSION POINT THROUGH STACK 00002 WHICH IS ADJACENT TO THE BOILER ROOM.

Building(s): BR

Condition 71: Air pollution prohibited

Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 71.1:

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



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of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

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

Condition 72: Emission Point Definition By Emission Unit
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 72.1(From Mod 1):

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

Emission Unit: 6-00003

Emission Point: 00003

Height (ft.): 70

Diameter (in.): 36

NYTMN (km.): 4829.353 NYTME (km.): 475.292 Building: PA

Emission Point: 00004

Height (ft.): 70

Diameter (in.): 36

NYTMN (km.): 4829.338 NYTME (km.): 475.311 Building: PA

Emission Point: 00005

Height (ft.): 25

Length (in.): 36

Width (in.): 24

NYTMN (km.): 4829.321 NYTME (km.): 475.334 Building: PA

Emission Point: 00006

Height (ft.): 25

Length (in.): 36

Width (in.): 24

NYTMN (km.): 4829.325 NYTME (km.): 475.329 Building: PA

Item 72.2(From Mod 0):

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

Emission Unit: 6-00002

Emission Point: 00002

Height (ft.): 110

Diameter (in.): 72

NYTMN (km.): 4829.3 NYTME (km.): 475.3 Building: BR

Condition 73: Process Definition By Emission Unit
Effective between the dates of 01/21/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

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Item 73.1(From Mod 1):

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

Emission Unit: 6-00003

Process: 173

Source Classification Code: 3-07-004-05

Process Description:

THIS EMISSION SOURCE IS THE PROCESS AREA OF THE PAPER MACHINE AND PULPERS. THERE ARE TWO EXHAUST FANS OVER THE PAPER MACHINE RATED AT 42,000 CFM AND 28000 CFM. THE CHEMICALS USED ON THE PAPER MACHINE CONTAIN HAZARDOUS AIR POLLUTANTS AND VOLATILE ORGANIC COMPOUNDS THAT COULD POTENTIALLY BE EMITTED THROUGH THESE POINTS. EMISSION POINT #00003 IS FROM THE HOOD SECTION OF THE PAPER MACHINE. EMISSION POINT #00004 IS OVERHEAD ABOVE THE WET-END SECTION OF THE PAPER MACHINE PROVIDING GENERAL VENTILATION OF THE PROCESS AREA. WE ARE PROPOSING TO ADD TWO EMISSION POINTS TO OUR STATE FACILITY AIR PERMIT. THE EXHAUST FANS ARE FOR THE PULPING AREA OF THE PAPER MAKING PROCESS. THE EXHAUST FANS ARE RATED AT 18600 CFM AND 22670 CFM. ONE EXHAUST FAN IS A VERTICAL EXHAUST AND THE OTHER IS A HORIZONTAL EXHAUST FAN.

Emission Source/Control: 00003 - Process

Design Capacity: 17,000 tons per year

Item 73.2(From Mod 0):

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

Emission Unit: 6-00002

Process: 007

Source Classification Code: 1-02-006-02

Process Description:

THE STEAM GENERATING BOILER HAS A BURNER FOR NO. 2 FUEL OIL THAT IS CAPABLE OF OPERATING AT A MAXIMUM OF 47.0 MMBTU PER HOUR. THIS IS A LOW NOX BURNER WITH THE FOLLOWING POLLUTANT EMISSION RATES AS GUARANTEED BY THE MANUFACTURER: CO 0.078 POUNDS PER MMBTU. NOX 0.12 POUNDS PER MMBTU. SO2 0.20 POUNDS PER MMBTU (0.2% SULFUR #2 OIL) PM 0.03 POUNDS PER MMBTU. VOC 0.003 POUNDS PER MMBTU (AP 42

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STANDARD)

Emission Source/Control: NSC50 - Combustion
Design Capacity: 49 million Btu per hour

Emission Source/Control: CNTRL - Control
Control Type: LOW NOx BURNER

Item 73.3(From Mod 0):

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

Emission Unit: 6-00002

Process: 012

Source Classification Code: 1-03-006-02

Process Description:

THE STEAM GENERATING BOILER HAS A BURNER
FOR NATURAL GAS THAT IS CAPABLE OF
OPERATING AT A MAXIMUM RATE OF 49.0 MMBTU
PER HOUR. THIS IS A LOW NOX BURNER WITH
THE FOLLOWING POLLUTANT EMISSION RATES AS
GUARANTEED BY THE MANUFACTURER. CO 0.075
POUNDS PER MMBTU. NOX 0.08 POUNDS PER
MMBTU. SO2 0.001 POUNDS PER MMBTU/ PM
0.005 POUNDS PER MMBTU. VOC 2.8 POUNDS PER
MCF (AP 42 STANDARD)

Emission Source/Control: NSC50 - Combustion
Design Capacity: 49 million Btu per hour

Emission Source/Control: CNTRL - Control
Control Type: LOW NOx BURNER