

**New York State Department of Environmental Conservation  
Facility DEC ID: 6232000015**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-2320-00015/02004  
Effective Date: 11/04/2003      Expiration Date: No expiration date

Permit Issued To: OMNIAFILTRA LLC  
9567 MAIN STREET  
BEAVER FALLS, NY 13305

Contact: FRED M BURGESS  
OMNIAFILTRA LLC  
9567 MAIN STREET  
BEAVER FALLS, NY 13305  
(717) 560-2190

Facility: OMNIAFILTRA LLC  
9567 MAIN STREET  
BEAVER FALLS, NY 13305

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 and Modifications

Permit Modifications, Suspensions and Revocations by the Department

**Facility Level**

Submission of Applications 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 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



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transfer of ownership.

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

**Item 4.1:**

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

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

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

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



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

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: OMNIAFILTRA LLC  
9567 MAIN STREET  
BEAVER FALLS, NY 13305

Facility: OMNIAFILTRA LLC  
9567 MAIN STREET  
BEAVER FALLS, NY 13305

Authorized Activity By Standard Industrial Classification Code:  
2621 - PAPER MILLS EXC BUILDING PAPER



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 2 6NYCRR 201-7.2: Synthetic minor facility capping provisions.
- 1 6NYCRR 201-7.2(c): Facility Permissible Emissions
- \*3 6NYCRR 201-7.2(c): Compliance Demonstration
- \*4 6NYCRR 201-7.2(c): Compliance Demonstration
- \*5 6NYCRR 201-7.2(c): Compliance Demonstration
- 6 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 7 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 8 6NYCRR 225-1.8(a): Compliance Demonstration
- 9 6NYCRR 228.1(d)(3)(i): Facility Permissible Emissions
- \*10 6NYCRR 228.1(d)(3)(i): Compliance Demonstration

**Emission Unit Level**

**EU=1-PAPMC**

- 11 6NYCRR 212.4(c): Compliance Demonstration
- 12 6NYCRR 212.6(a): Compliance Demonstration

**EU=2-BLRRM**

- 13 6NYCRR 227-1.6(a): Corrective Action
- 14 6NYCRR 227-1.6(b): Corrective Action
- 15 6NYCRR 227-1.6(c): Corrective Action
- 16 6NYCRR 227-1.6(d): Corrective Action

**EU=2-BLRRM,Proc=FO1**

- 17 6NYCRR 227.2(b)(1): Compliance Demonstration

**EU=2-BLRRM,Proc=FO3**

- 18 6NYCRR 227.2(b)(1): Compliance Demonstration

**EU=2-BLRRM,EP=EP001**

- 19 6NYCRR 227-1.3(a): Compliance Demonstration

**EU=2-PAPMC**

- 20 6NYCRR 212.4(c): Compliance Demonstration
- 21 6NYCRR 212.6(a): Compliance Demonstration

**EU=3-BLRRM**

- 22 6NYCRR 227-1.6(a): Corrective Action
- 23 6NYCRR 227-1.6(b): Corrective Action
- 24 6NYCRR 227-1.6(c): Corrective Action
- 25 6NYCRR 227-1.6(d): Corrective Action



**EU=3-BLRRM,Proc=FO2**

26 6NYCRR 227.2(b)(1): Compliance Demonstration

**EU=3-BLRRM,Proc=FO4**

27 6NYCRR 227.2(b)(1): Compliance Demonstration

**EU=3-BLRRM,EP=EP003**

28 6NYCRR 227-1.3(a): Compliance Demonstration

**EU=3-PAPMC**

29 6NYCRR 212.4(c): Compliance Demonstration

30 6NYCRR 212.6(a): Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

31 ECL 19-0301: Contaminant List

32 6NYCRR 201-1.4: Unavoidable noncompliance and violations

33 6NYCRR 201-5: Emission Unit Definition

34 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

35 6NYCRR 201-5: Emission Point Definition By Emission Unit

36 6NYCRR 201-5: Process Definition By Emission Unit

**NOTE: \* preceding the condition number indicates capping.**

Permit Effective Date: 11/04/2003

Permit Expiration Date: No expiration date.



**FEDERALLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

**Item A: Sealing - 6NYCRR Part 200.5**

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

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

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

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

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

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

**Item C: Maintenance of Equipment - 6NYCRR Part 200.7**

Any person who owns or operates an air contamination

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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 2: Synthetic minor facility capping provisions.  
Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 2.1:**

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

**Item 2.2:**

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 2.3:**

On an annual basis, 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 those threshold levels that would require the



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submission of an application for a Title V facility permit, or compliance with an applicable requirement.

**Item 2.4:**

The emission of pollutants in exceedance of the applicability thresholds for obtaining a Title V facility permit or other applicable requirements constitutes a violation of Part 201 and of the Act.

**Condition 1: Facility Permissible Emissions**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-7.2(c)**

**Item 1.1:**

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

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

CAS No: 007446-09-5                      PTE: 180,000 pounds per year  
Name: SULFUR DIOXIDE

CAS No: 0NY100-00-0                      PTE: 18,000 pounds per year  
Name: HAP

**Condition 3: Compliance Demonstration**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-7.2(c)**

**Item 3.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0    HAP

**Item 3.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility owner shall ensure that emissions of total  
Hazardous Air Pollutants (HAP) remain less than 9 tons  
during any 12 month period.

Facility owner must maintain records that verify the  
facility's monthly HAP emissions. These records must be

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maintained at the facility for a period of five years.

Reports will be submitted annually, in a format acceptable to the commissioner's representative, which document that the facility's HAP emissions over any consecutive 12 month period were below 9 tons. The annual reports must include information that documents the HAP emissions from each emission source at the facility, including exempt and trivial activities. The report must also include all emission factors and other data used in calculating the monthly HAP emissions.

Any noncompliance with the HAP emission limit in this condition must be reported by sending a copy of such record to the NYSDEC, Region 6, within 30 days of the occurrence.

Parameter Monitored: HAP

Upper Permit Limit: 9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2004.

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

**Condition 4: Compliance Demonstration**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-7.2(c)**

**Item 4.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 4.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility owner shall limit use of #4 fuel oil to 400,000 gallons during any 12 month period.



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Parameter Monitored: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)  
Upper Permit Limit: 400000 gallons per year  
Monitoring Frequency: MONTHLY  
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2004.  
Subsequent reports are due every 12 calendar month(s).

**Condition 5: Compliance Demonstration**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-7.2(c)**

**Item 5.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 5.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes  
Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE  
Monitoring Description:  
Facility owner shall limit use of #2 fuel oil to 400,000  
gallons during any 12 month period.

Parameter Monitored: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL  
Upper Permit Limit: 400000 gallons per year  
Monitoring Frequency: MONTHLY  
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2004.  
Subsequent reports are due every 12 calendar month(s).

**Condition 6: Compliance Demonstration**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 6.1:**

The Compliance Demonstration activity will be performed for the Facility.

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**Item 6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person will sell, offer for sale, purchase or use any distillate oil fuel which contains sulfur in a quantity exceeding the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 7: Compliance Demonstration**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 7.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person will sell, offer for sale, purchase or use any residual oil fuel which contains sulfur in a quantity exceeding the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

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

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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**Condition 8: Compliance Demonstration**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 225-1.8(a)**

**Item 8.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 8.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum: supplier name, date of shipment, quantity shipped, heating value of the oil, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submittal to, NYSDEC upon request.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 9: Facility Permissible Emissions**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.1(d)(3)(i)**

**Item 9.1:**

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

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

CAS No: 0NY998-00-0

PTE: 18,000 pounds per year

Name: VOC

**Condition 10: Compliance Demonstration**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.1(d)(3)(i)**

**Item 10.1:**

The Compliance Demonstration activity will be performed for the Facility.



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Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 10.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility owner shall ensure that emissions of Volatile Organic Compounds (VOC) remain less than 9 tons during any 12 month period.

Facility owner must maintain records that verify the facility's monthly VOC emissions. These records must be maintained at the facility for a period of five years.

Reports will be submitted annually, in a format acceptable to the commissioner's representative, which document that the facility's VOC emissions over any consecutive 12 month period were below 9 tons. The annual reports must include information that documents the VOC emissions from each emission source at the facility, excluding combustion sources. The report must also include all emission factors and other data used in calculating the monthly VOC emissions.

Any noncompliance with the VOC emission limit in this condition must be reported by sending a copy of such record to the NYSDEC, Region 6, within 30 days of the occurrence.

Parameter Monitored: VOC

Upper Permit Limit: 9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2004.

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

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



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**Condition 11: Compliance Demonstration**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 11.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-PAPMC

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 11.2:**

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.

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: UPON REQUEST BY REGULATORY AGENCY

**Condition 12: Compliance Demonstration**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 12.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-PAPMC

**Item 12.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

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**DEVICE PARAMETERS AS SURROGATE**

**Monitoring Description:**

No person will 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.

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: UPON REQUEST BY REGULATORY AGENCY

**Condition 13: Corrective Action**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 13.1:**

This Condition applies to Emission Unit: 2-BLRRM

**Item 13.2:**

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

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

**Condition 14: Corrective Action**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.6(b)**

**Item 14.1:**

This Condition applies to Emission Unit: 2-BLRRM

**Item 14.2:**

The commissioner may seal such stationary combustion installation so as to prevent any operation if the conditions of paragraphs 6 NYCRR Part 227-1.6(a)(1)-(3) are not met within the time provided by the

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order of final determination issued in the case of the violation.

**Condition 15: Corrective Action**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.6(c)**

**Item 15.1:**

This Condition applies to Emission Unit: 2-BLRRM

**Item 15.2:**

No person shall cause, permit, or allow the operation of any affected stationary combustion installation sealed by the commissioner in accordance with 6 NYCRR Part 227-1.6.

**Condition 16: Corrective Action**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.6(d)**

**Item 16.1:**

This Condition applies to Emission Unit: 2-BLRRM

**Item 16.2:**

No person except the commissioner or his representatives shall remove, tamper with or destroy any seal affixed to any stationary combustion installation in accordance with 6 NYCRR Part 227-1.6.

**Condition 17: Compliance Demonstration**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227.2(b)(1)**

**Item 17.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-BLRRM

Process: FO1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10

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pounds per million Btu of heat input.

Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 18: Compliance Demonstration**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227.2(b)(1)**

**Item 18.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-BLRRM

Process: FO3

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 18.2:**

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 19: Compliance Demonstration**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-BLRRM Emission Point: EP001

**Item 19.2:**



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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 except for one six minute 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 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 20: Compliance Demonstration**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 20.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-PAPMC

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 20.2:**

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.

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



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Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 21: Compliance Demonstration**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 21.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-PAPMC

**Item 21.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person will 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.

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: UPON REQUEST BY REGULATORY AGENCY

**Condition 22: Corrective Action**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 22.1:**

This Condition applies to Emission Unit: 3-BLRRM

**Item 22.2:**

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

(1) it is equipped with approved emission control equipment;

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(2) it is rehabilitated or upgraded in an approved manner; or

(3) the fuel is changed to an acceptable type.

**Condition 23: Corrective Action**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.6(b)**

**Item 23.1:**

This Condition applies to Emission Unit: 3-BLRRM

**Item 23.2:**

The commissioner may seal such stationary combustion installation so as to prevent any operation if the conditions of paragraphs 6 NYCRR Part 227-1.6(a)(1)-(3) are not met within the time provided by the order of final determination issued in the case of the violation.

**Condition 24: Corrective Action**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.6(c)**

**Item 24.1:**

This Condition applies to Emission Unit: 3-BLRRM

**Item 24.2:**

No person shall cause, permit, or allow the operation of any affected stationary combustion installation sealed by the commissioner in accordance with 6 NYCRR Part 227-1.6.

**Condition 25: Corrective Action**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.6(d)**

**Item 25.1:**

This Condition applies to Emission Unit: 3-BLRRM

**Item 25.2:**

No person except the commissioner or his representatives shall remove, tamper with or destroy any seal affixed to any stationary combustion installation in accordance with 6 NYCRR Part 227-1.6.

**Condition 26: Compliance Demonstration**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227.2(b)(1)**

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**Item 26.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 3-BLRRM

Process: FO2

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 26.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



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**Condition 27: Compliance Demonstration**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227.2(b)(1)**

**Item 27.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 3-BLRRM

Process: FO4

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 27.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



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DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 28: Compliance Demonstration**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 28.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 3-BLRRM Emission Point: EP003

**Item 28.2:**

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 except for one six minute 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 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 29: Compliance Demonstration**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 29.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 3-PAPMC

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 29.2:**

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 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: UPON REQUEST BY REGULATORY AGENCY

**Condition 30: Compliance Demonstration**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 30.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 3-PAPMC

**Item 30.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person will 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.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



**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 31: Contaminant List**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 31.1:**

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

CAS No: 0NY100-00-0  
Name: HAP

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

CAS No: 007446-09-5  
Name: SULFUR DIOXIDE

CAS No: 0NY998-00-0  
Name: VOC

**Condition 32: Unavoidable noncompliance and violations**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 32.1:**

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

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall



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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 33: Emission Unit Definition**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 33.1:**

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

Emission Unit: 1-PAPMC

Emission Unit Description:

#1 paper machine has three exhausts that vent emissions from the dryer section of the paper production process. The paper machine is located in the machine area of the paper mill building.

Building(s): PAPER MILL



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**Item 33.2:**

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

Emission Unit: 2-BLRRM

Emission Unit Description:

The 37.5 MMBtu/hr boiler will be fired to produce steam for the paper machines and for facility heat. The boiler can burn either #2 or #4 fuel oil.

Building(s): PAPER MILL

**Item 33.3:**

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

Emission Unit: 2-PAPMC

Emission Unit Description:

#2 paper machine has seven exhausts that vent emissions from the dryer and other sections of the paper production process. The paper machine is located in the machine area of the paper mill building.

Building(s): PAPER MILL

**Item 33.4:**

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

Emission Unit: 3-BLRRM

Emission Unit Description:

The 45.5 MMBtu/hr boiler will be fired to produce steam for the paper machines and for facility heat. The boiler can burn either #2 or #4 fuel oil.

Building(s): PAPER MILL

**Item 33.5:**

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

Emission Unit: 3-PAPMC

Emission Unit Description:

#3 paper machine has six exhausts that vent emissions from the dryer and other sections of the paper production process. The paper machine is located in the machine area of the paper mill building.

Building(s): PAPER MILL

**Condition 34: Air pollution prohibited**

**Effective between the dates of 11/04/2003 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

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**Item 34.1:**

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

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

**Condition 35: Emission Point Definition By Emission Unit**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 35.1:**

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

Emission Unit: 1-PAPMC

Emission Point: 0A170

Height (ft.): 33                      Diameter (in.): 34  
NYTMN (km.): 4859.189    NYTME (km.): 465.395    Building: PAPER MILL

Emission Point: 0A171

Height (ft.): 33                      Diameter (in.): 34  
NYTMN (km.): 4859.189    NYTME (km.): 465.395    Building: PAPER MILL

Emission Point: 0A172

Height (ft.): 32                      Length (in.): 32                      Width (in.): 32  
NYTMN (km.): 4859.189    NYTME (km.): 465.395    Building: PAPER MILL

**Item 35.2:**

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

Emission Unit: 2-BLRRM

Emission Point: EP001

Height (ft.): 95                      Diameter (in.): 42  
NYTMN (km.): 4859.189    NYTME (km.): 465.395    Building: PAPER MILL

**Item 35.3:**

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

Emission Unit: 2-PAPMC

**New York State Department of Environmental Conservation**

**Permit ID: 6-2320-00015/02004**

**Facility DEC ID: 6232000015**



Emission Point: 0A252  
Height (ft.): 33 Diameter (in.): 40  
NYTMN (km.): 4859.189 NYTME (km.): 465.395 Building: PAPER MILL

Emission Point: 0A253  
Height (ft.): 33 Diameter (in.): 38  
NYTMN (km.): 4859.189 NYTME (km.): 465.395 Building: PAPER MILL

Emission Point: 0A254  
Height (ft.): 34 Diameter (in.): 32  
NYTMN (km.): 4859.189 NYTME (km.): 465.395 Building: PAPER MILL

Emission Point: 0A255  
Height (ft.): 33 Diameter (in.): 24  
NYTMN (km.): 4859.189 NYTME (km.): 465.395 Building: PAPER MILL

Emission Point: 0A256  
Height (ft.): 33 Diameter (in.): 34  
NYTMN (km.): 4859.189 NYTME (km.): 465.395 Building: PAPER MILL

Emission Point: 0A257  
Height (ft.): 32 Diameter (in.): 29  
NYTMN (km.): 4859.189 NYTME (km.): 465.395 Building: PAPER MILL

**Item 35.4:**

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

Emission Unit: 3-BLRRM

Emission Point: EP003  
Height (ft.): 46 Diameter (in.): 32  
NYTMN (km.): 4859.189 NYTME (km.): 465.395 Building: PAPER MILL

**Item 35.5:**

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

Emission Unit: 3-PAPMC

Emission Point: 0A307  
Height (ft.): 33 Diameter (in.): 25  
NYTMN (km.): 4859.189 NYTME (km.): 465.395 Building: PAPER MILL

Emission Point: 0A308  
Height (ft.): 35 Diameter (in.): 29  
NYTMN (km.): 4859.189 NYTME (km.): 465.395 Building: PAPER MILL



**New York State Department of Environmental Conservation**

**Permit ID: 6-2320-00015/02004**

**Facility DEC ID: 6232000015**

Emission Point: 0A309  
Height (ft.): 33 Diameter (in.): 24  
NYTMN (km.): 4859.189 NYTME (km.): 465.395 Building: PAPER MILL

Emission Point: 0A310  
Height (ft.): 33 Diameter (in.): 24  
NYTMN (km.): 4859.189 NYTME (km.): 465.395 Building: PAPER MILL

Emission Point: 0A311  
Height (ft.): 34 Diameter (in.): 30  
NYTMN (km.): 4859.189 NYTME (km.): 465.395 Building: PAPER MILL

Emission Point: 0A320  
Height (ft.): 34 Diameter (in.): 29  
NYTMN (km.): 4859.189 NYTME (km.): 465.395 Building: PAPER MILL

**Condition 36: Process Definition By Emission Unit**  
**Effective between the dates of 11/04/2003 and Permit Expiration Date**

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

**Item 36.1:**

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

Emission Unit: 1-PAPMC  
Process: PM1  
Process Description:  
#1 Paper Machine is involved in the formation of specialty paper from purchased pulp and fiber. Several additives are included in the batches of pulp to provide product characteristics.

Emission Source/Control: 00PMI - Process

**Item 36.2:**

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

Emission Unit: 2-BLRRM  
Process: FO1  
Process Description:  
Combustion of #2 fuel oil in a 37.5 MMBtu/hr boiler.

Emission Source/Control: UNITA - Combustion  
Design Capacity: 37.5 million Btu per hour

**Item 36.3:**

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

**New York State Department of Environmental Conservation**

**Permit ID: 6-2320-00015/02004**

**Facility DEC ID: 6232000015**



Emission Unit: 2-BLRRM

Process: FO3

Process Description:

Combustion of #4 fuel oil in a 37.5 MMBtu/hr boiler.

Emission Source/Control: UNITA - Combustion

Design Capacity: 37.5 million Btu per hour

**Item 36.4:**

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

Emission Unit: 2-PAPMC

Process: PM2

Process Description:

#2 Paper Machine is involved in the production of specialty paper from various raw materials including purchased paper fiber (pulp) and other additives that contribute to product and runnability characteristics.

Emission Source/Control: 00PM2 - Process

**Item 36.5:**

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

Emission Unit: 3-BLRRM

Process: FO2

Process Description:

45.5 MMBtu/hr boiler that will combust #2 fuel oil only.

Emission Source/Control: UNITC - Combustion

Design Capacity: 45.5 million Btu per hour

**Item 36.6:**

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

Emission Unit: 3-BLRRM

Process: FO4

Process Description:

Combustion of #4 fuel oil in a 45.5 MMBtu/hr boiler.

Emission Source/Control: UNITC - Combustion

Design Capacity: 45.5 million Btu per hour

**Item 36.7:**

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

**New York State Department of Environmental Conservation**

**Permit ID: 6-2320-00015/02004**

**Facility DEC ID: 6232000015**



Emission Unit: 3-PAPMC

Process: PM3

Process Description:

#3 Paper Machine is involved in the production of specialty paper from various raw materials including purchased paper fiber (pulp) and other additives that contribute to product and runnability characteristics.

Emission Source/Control: 00PM3 - Process