

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 6405000071**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-4050-00071/00001  
Effective Date: 11/15/2001      Expiration Date: No expiration date

Permit Issued To: CHATHAM FOREST PRODUCTS  
269 SOUTH MAIN ST  
PROVIDENCE, RI 02903

Contact: JOHN GODFREY  
CHATHAM FOREST PRODUCTS  
269 SOUTH MAIN STREET  
PROVIDENCE, RI 02903  
(401) 351-7712

Facility: CHATHAM FOREST PRODUCTS OSB FACILITY  
223 WAGNER ROAD  
LISBON, NY 13669

Contact: JOHN GODFREY  
CHATHAM FOREST PRODUCTS  
269 SOUTH MAIN STREET  
PROVIDENCE, RI 02903  
(401) 351-7712

Description:

**1.0 INTRODUCTION**

Chatham Forest Products, Inc. (CFP) is receiving a permit to construct and operate an Oriented Strandboard (OSB) manufacturing facility (Facility or Mill) at 223 Wagner Road in the Town of Lisbon, Saint Lawrence County, New York (Site). The Facility will be a minor source, as defined in 6 NYCRR Part 201. The purpose of this State Facility Permit is to describe the Facility and the potential emission generating operations, and to demonstrate that Facility-Wide potential to emit (PTE) will not exceed major source thresholds. With this permit, the applicant is being required to operate as a minor source of emissions for particulate matter (PM), fine particulate matter (PM-10), nitrogen oxides (NOx), sulfur oxides (SOx) volatile organic compounds (VOCs), carbon monoxide (CO), and total hazardous air pollutants (HAPs).

The Mill will be a state-of-the-art OSB manufacturing facility, incorporating the latest manufacturing and air quality control design features. The heat (energy) system for the facility will be the primary air quality control system for the Mill. This air quality control system will also serve as the heat energy system and as a recycling system, deriving its fuel from tree bark and wood fines that might otherwise be disposed of



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in a landfill. The species of trees to be used as feedstock for the Facility have not before now been utilized to a significant degree in this region, and have been considered waste from other forestry operations.

## 2.0 SITE DESCRIPTION

CFP will construct the OSB manufacturing facility on a 70.85-acre site located in Lisbon, New York, on the northern side of Wagner Road. The Town of Lisbon is not zoned, and the area surrounding the Site is a mixture of industrial, commercial, agricultural, and residential land uses, as well as undeveloped areas. Rail lines, a solid waste transfer station, Ogdensburg International Airport, and commercial, agricultural, institutional, and industrial activities are located within 2.5 miles of the Site.

The existing Site elevation varies from 280 to 322 feet above Mean Sea Level (MSL) and the base elevation of the Mill's primary stack (that of the Energy Products of Idaho (EPI) Control System) will be approximately 314 feet above MSL. The Applicant is proposing a process exhaust stack height of 100 feet above ground elevation (414 feet above MSL). The Federal Aviation Administration (FAA) had previously determined that a stack 145 feet above ground elevation (459 feet above MSL) at this location would not cause a hazard to air navigation.

The layout of the Facility has been designed to avoid existing wetlands. On-site wetlands are confined to the northwest corner (10.75 acres) and southern corner (0.25 acres) of the Site, and will not be disturbed. Electric and natural gas lines that are located immediately north of the rail line that forms the northern Site boundary will be extended onto the property. Municipal water and sewer lines do not currently adjoin the Site. The OBPA will extend all necessary utilities to the Site.

Sources of potential air emissions and specific compounds that the Facility will have potential to emit were identified from the US EPA's Compilation of Air Pollutant Emission Factors (AP-42). AP-42 includes a section devoted to OSB manufacturing that was published in 1999. In developing this application, AP-42 was relied upon for identification of specific processes and specific compound emissions because the air quality control system being proposed for the Mill is a new state-of-the-art technology that integrates the energy and air quality control function into a single system.

## 3.0 PROCESS DESCRIPTION

The OSB manufacturing facility designed to produce up to 480 million square feet per year of 4' x 8' x 3/8" OSB. OSB is a structural panel manufactured from wood flakes that are cut from logs and are blended with resin and formed into a layered mat. OSB, which is more cost effective to use than the traditional plywood, is used primarily in the construction industry as sheathing, flooring, underlayment, and for other applications.

Raw materials used in the manufacturing process will be wood, wax, resin, and latex-based paints. These raw materials will be processed, as discussed below, to form the final product, 4' x 8' sheets of OSB.

Wood used in the process will be obtained from the region and will consist of the northern hardwood species of aspen (50%) and other hardwoods (50%). These species are generally considered to be of low or no value to the logging and wood products industry. In most cases, the raw material will be acquired

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as a byproduct of logging for other species, but for the Chatham Mill such material would be left in the forest as waste.

### 3.1 Overview of OSB Manufacturing Process

The primary raw material used in the OSB manufacturing process is wood. Logs will originate primarily in New York State and Canada. They will be received in approximately eight-foot lengths and transferred by grapple loader to the debarker infeed decks or stored in the 25-acre wood yard. Logs are debarked and transferred to hot water ponds by stationary grapple to prepare them for processing. After debarking and thawing, tie logs will be sent to the stranders (flakers), which slice debarked logs into approximately 4" x 1.5" x 0.028-inch flakes. At this point, the wet flakes are conveyed to wet bins to await further processing.

Flakes from wet bins are fed into the dryers, where they are dried to approximately 4% moisture by exposure to high heat generated from combustion of wood waste (EPI Systems). The dried flakes are pneumatically conveyed to screeners where fines are removed before they are stored. Flakes are conveyed from the dry storage bins to blenders where resin and wax are added at a dry weight ratio of approximately 1.5% wax and 3% resin to wood. The flakes are formed into a continuous mat on the forming line, cut into individual 24-foot mats, and hot-pressed to activate the resin and bond the flakes into a solid master panel. The master panels are trimmed to a finished size of 8' by 4', stacked, and the edges painted. The final product is packaged and shipped or stored in the warehouse.

### 3.2 Overview of EPI Heat Energy/Emissions Control Systems

For the OSB manufacturing process, wood flakes have traditionally come into direct contact with combustion exhaust gas in a direct-fired rotary dryer to remove excess moisture. The drying system proposed for CFP will be a cocurrent heat exchanger with heated air and cold, wet, wood flakes entering the dryer at the same end.

Two independent, parallel, essentially identical heat energy/emission control systems are proposed for the Facility. The description that follows describes one of the two systems. This control system, the EPI Fluidized Bed Combustion System (EPI System), consists primarily of a bark, and waste wood (fuel) feed system, a fluidized bed combustor (FBC), air to air and hot oil heat exchangers, an auxiliary air-cooled heat exchanger for dumping excess heat during the summer, and a dust collection system. Dryer exhaust gases that are laden with water vapors, VOC, and entrained particulates are routed into the FBC to effectively destroy these pollutants. The EPI System, with all its components, is expected to provide equivalent or better control of pollutants compared to the previously mentioned traditional methods. The following paragraphs briefly describe the EPI System.

The biomass fuel may consist of hogged wood, bark, screen fines, sawdust, sander dust, or any other wood waste that is not suitable for use in the final product. The wood waste fuel is conveyed into the FBC at a metered rate and distributed across the top of the fluidized bed.

The fluidized bed combustor consists of a 28-foot diameter cylinder in which sand-like particles of fired refractory clay are kept in suspension by a strong up-flow of air. The bed material provides a large



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thermal inertia within the combustor that absorbs moderate swings in fuel moisture contents and heating values to keep the temperature relatively constant and allows complete combustion at relatively low and homogeneous temperatures. One result of relatively low and homogeneous temperatures is that NO<sub>x</sub> production in the FBC is restricted, for the most part, to the conversion of fuel-bound nitrogen. The scrubbing action of the bed material on the fuel particles enhances the combustion process by stepping away the carbon dioxide and char layers that normally form around the fuel particles. The result is that oxygen reaches the fuel more readily, increasing the rate and efficiency of the combustion process.

To control NO<sub>x</sub> emissions that do occur, the FBC will be equipped with selective noncatalytic reduction (SNCR). This will be accomplished by injecting ammonia, in the form of urea or liquid ammonia (<20%) into the upper vapor space of the combustion vessel, where temperatures are controlled within the range of 1600-1750o F. An additional upper vessel section will be supplied to provide the additional residence time required to complete the reaction.

Hot flue gases exiting the FBC are drawn through heat exchangers. One heat exchanger transfers heat to a mixture of press exhaust air and dryer exhaust air which is heated to approximately 1000oF to provide a heat supply to evaporate moisture from wet wood flakes in the dryer. A second heat exchanger transfers heat to a mixture of press exhaust air and dryer exhaust air which is preheated to approximately 667o F before being injected into the FBC as combustion air. A third stream of flue gases passes through thermal fluid heaters and a heat exchanger to provide heat to the building, the press, and the log ponds. During the summer, excess heat may be rejected to the atmosphere by an auxiliary air-cooled heat exchanger.

Cooled combustion gas is controlled by a baghouse that exhausts to a 100-foot stack. The two EPI Systems share a single common stack. Ash collected by the baghouse will be removed and disposed of as solid waste.

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(a)**

**Item 3.1:**

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

**Item 3.2:**

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

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

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**Item 4.1:**

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

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

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

**Condition 5:      Submission of Applications for Permit Modification or Renewal -REGION 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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**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT**

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269 SOUTH MAIN ST  
PROVIDENCE, RI 02903

Facility: CHATHAM FOREST PRODUCTS OSB FACILITY  
223 WAGNER ROAD  
LISBON, NY 13669

Authorized Activity By Standard Industrial Classification Code:



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 33 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 4 6NYCRR 200.7: Maintenance of equipment
- 8 6NYCRR 201-1.7: Recycling and Salvage
- 9 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the Air
- 12 6NYCRR 201-3.2(a): Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Proof of Eligibility
- 25 6NYCRR 202-1.1: Required emissions tests
- 31 6NYCRR 211.3: Visible emissions limited.
- 1 6NYCRR 200.1: Definitions Applicable To This Permit
- 2 6NYCRR 200.5: Sealing
- 3 6NYCRR 200.6: Acceptable ambient air quality
- 5 6NYCRR 201-1.2: Unpermitted Emission Sources
- 6 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 7 6NYCRR 201-1.5: Emergency Defense
- 10 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 11 6NYCRR 201-3.1(a): Exempt and Trivial Activities Applicability
- 13 6NYCRR 201-3.2(b): Exempt Activities - Maintenance of Control Equipment
- 15 6NYCRR 201-6.5(g): Non Applicable requirements
- 16 6NYCRR 201-7.2: Synthetic minor facility capping provisions.
- 17 6NYCRR 201-7.2: Facility Permissible Emissions
- \*18 6NYCRR 201-7.2: Compliance Demonstration
- \*19 6NYCRR 201-7.2: Compliance Demonstration
- \*20 6NYCRR 201-7.2: Compliance Demonstration
- \*21 6NYCRR 201-7.2: Compliance Demonstration
- \*22 6NYCRR 201-7.2: Compliance Demonstration
- \*23 6NYCRR 201-7.2: Compliance Demonstration
- \*24 6NYCRR 201-7.2: Compliance Demonstration
- 26 6NYCRR 202-1.2: Notification
- 27 6NYCRR 202-1.3: Acceptable procedures
- 28 6NYCRR 202-1.3: Acceptable procedures - Stack test report submittal
- 29 6NYCRR 202-1.3(a): Acceptable procedures
- 30 6NYCRR 202-1.5: Prohibitions
- 32 6NYCRR 212.4(a): Facility Permissible Emissions
- 34 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 35 6NYCRR 225-1.8: Compliance Demonstration
- 36 6NYCRR 225-1.8(b): Compliance Demonstration
- 37 6NYCRR 225-1.8(d): Sampling, compositing, and analysis of fuel samples
- 38 6NYCRR 227-1.6(a): Corrective action.
- 39 6NYCRR 227-1.6(b): Corrective action.
- 40 6NYCRR 227-1.6(c): Corrective action.



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- 41 6NYCRR 227-1.6(d): Corrective action.
- 42 6NYCRR 227-1.7(b): Emissions data requirements.
- 43 6NYCRR 228.1(d)(4): Compliance must be demonstrated upon start up
- 44 6NYCRR 228.1(g): Once in, always in
- 45 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 46 40CFR 60.7(a), NSPS Subpart A: Date of Construction Notification -  
if a COM is used
- 47 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 48 40CFR 60.7(c), NSPS Subpart A: Excess emissions report.
- 49 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 50 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 51 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 52 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 53 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 54 40CFR 60.9, NSPS Subpart A: Availability of information.
- 55 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and  
Maintenance Requirements
- 56 40CFR 60.12, NSPS Subpart A: Circumvention.
- 57 40CFR 60.14, NSPS Subpart A: Modifications.
- 58 40CFR 60.44b(1)(1), NSPS Subpart Db: Facility Permissible Emissions  
**Emission Unit Level**
- 59 6NYCRR 201-7.2: Process Permissible Emissions

**EU=U-00001,Proc=OSB**

- 60 6NYCRR 201-7.2: Compliance Demonstration

**EU=U-00001,Proc=OSB,ES=0C007**

- 61 6NYCRR 201-7.2: Compliance Demonstration

**EU=U-00001,Proc=OSB,ES=0C008**

- 62 6NYCRR 201-7.2: Compliance Demonstration

**EU=U-00001,Proc=OSB,ES=0DEGR**

- 63 6NYCRR 226: Requirements for cold cleaning (batch cold) degreasers

**EU=U-00001,Proc=OSB,ES=0DRY1**

- 64 6NYCRR 201-7.2: Compliance Demonstration

**EU=U-00001,Proc=OSB,ES=0DRY2**

- 65 6NYCRR 201-7.2: Compliance Demonstration

**EU=U-00001,Proc=OSB,ES=0EBLR**

- \*66 6NYCRR 201-7.2: Compliance Demonstration
- 67 6NYCRR 227-1.3(a): Compliance Demonstration
- 68 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration

**EU=U-00001,Proc=OSB,ES=0EDGE**



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- 69 6NYCRR 212.4(c): Compliance Demonstration
- 70 6NYCRR 228.2: Compliance Demonstration
- 71 6NYCRR 228.3(a): Volatile organic compound emission control requirements
- 72 6NYCRR 228.4: Compliance Demonstration
- 73 6NYCRR 228.5(a): Compliance Demonstration
- 74 6NYCRR 228.5(b): method 24 40 CFR 60
- 75 6NYCRR 228.5(c): Alternative Analytical Methods
- 76 6NYCRR 228.5(d): samples
- 77 6NYCRR 228.6(a): prohibition of sale or specification
- 78 6NYCRR 228.6(b): certification
- 79 6NYCRR 228.7: Compliance Demonstration
- 80 6NYCRR 228.9: products regulated
- 81 6NYCRR 228.10: Compliance Demonstration

**EU=U-00001,Proc=OSB,ES=0EFP1**

- \*82 6NYCRR 201-7.2: Compliance Demonstration

**EU=U-00001,Proc=OSB,ES=0EFP2**

- \*83 6NYCRR 201-7.2: Compliance Demonstration

**EU=U-00001,Proc=OSB,ES=0FBC1**

- 84 6NYCRR 201-7.2: Compliance Demonstration
- 85 6NYCRR 201-7.2: Compliance Demonstration
- \*86 40CFR 60.44b(1)(1), NSPS Subpart Db: Compliance Demonstration

**EU=U-00001,Proc=OSB,ES=0FBC2**

- 87 6NYCRR 201-7.2: Compliance Demonstration
- 88 6NYCRR 201-7.2: Compliance Demonstration
- \*89 40CFR 60.44b(1)(1), NSPS Subpart Db: Compliance Demonstration

**EU=U-00001,Proc=OSB,ES=0STEN**

- 90 6NYCRR 212.4(c): Compliance Demonstration
- 91 6NYCRR 228.2: Compliance Demonstration
- 92 6NYCRR 228.3(a): Volatile organic compound emission control requirements
- 93 6NYCRR 228.4: Compliance Demonstration
- 94 6NYCRR 228.5(a): Compliance Demonstration
- 95 6NYCRR 228.5(b): method 24 40 CFR 60
- 96 6NYCRR 228.5(c): Alternative Analytical Methods
- 97 6NYCRR 228.5(d): samples
- 98 6NYCRR 228.6(a): prohibition of sale or specification
- 99 6NYCRR 228.6(b): certification
- 100 6NYCRR 228.7: Compliance Demonstration
- 101 6NYCRR 228.9: products regulated
- 102 6NYCRR 228.10: Compliance Demonstration

**EU=U-00001,EP=S0001,Proc=OSB**

- 103 6NYCRR 212.4(c): Compliance Demonstration



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104 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-00001,EP=S0001,Proc=OSB,ES=0C001**

\*105 6NYCRR 201-7.2: Compliance Demonstration

**EU=U-00001,EP=S0002,Proc=OSB**

106 6NYCRR 212.4(c): Compliance Demonstration

107 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-00001,EP=S0002,Proc=OSB,ES=0C002**

\*108 6NYCRR 201-7.2: Compliance Demonstration

**EU=U-00001,EP=S0004,Proc=OSB**

109 6NYCRR 212.4(c): Compliance Demonstration

110 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-00001,EP=S0004,Proc=OSB,ES=0C004**

\*111 6NYCRR 201-7.2: Compliance Demonstration

\*112 6NYCRR 201-7.2: Compliance Demonstration

\*113 6NYCRR 201-7.2: Compliance Demonstration

\*114 6NYCRR 201-7.2: Compliance Demonstration

**EU=U-00001,EP=S0005,Proc=OSB**

115 6NYCRR 212.4(c): Compliance Demonstration

116 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-00001,EP=S0005,Proc=OSB,ES=0C005**

\*117 6NYCRR 201-7.2: Compliance Demonstration

**EU=U-00001,EP=S0006,Proc=OSB**

118 6NYCRR 212.4(c): Compliance Demonstration

119 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-00001,EP=S0006,Proc=OSB,ES=0C006**

\*120 6NYCRR 201-7.2: Compliance Demonstration

**EU=U-00001,EP=S0007**

\*121 6NYCRR 201-7.2: Compliance Demonstration

\*122 6NYCRR 201-7.2: Compliance Demonstration

\*123 6NYCRR 201-7.2: Compliance Demonstration

\*124 6NYCRR 201-7.2: Compliance Demonstration

\*125 6NYCRR 212.4(a): Compliance Demonstration

\*126 6NYCRR 212.4(a): Compliance Demonstration

\*127 6NYCRR 212.4(a): Compliance Demonstration

\*128 6NYCRR 212.4(a): Compliance Demonstration

\*129 6NYCRR 212.4(a): Compliance Demonstration



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- 130 40CFR 60.13(a), NSPS Subpart A: Compliance Demonstration
- 131 40CFR 60.13(b), NSPS Subpart A: Compliance Demonstration
- 132 40CFR 60.13(c), NSPS Subpart A: Compliance Demonstration
- 133 40CFR 60.13(d), NSPS Subpart A: Compliance Demonstration
- 134 40CFR 60.13(e), NSPS Subpart A: Compliance Demonstration
- 135 40CFR 60.13(f), NSPS Subpart A: Compliance Demonstration
- 136 40CFR 60.13(h), NSPS Subpart A: Compliance Demonstration
- 138 40CFR 60.43b(c)(1), NSPS Subpart Db: Compliance Demonstration
- 139 40CFR 60.43b(f), NSPS Subpart Db: Compliance Demonstration
- 140 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.
- 141 40CFR 60.46b(d), NSPS Subpart Db: Compliance Determination - Particulate Matter and Opacity
- 142 40CFR 60.48b(a), NSPS Subpart Db: Compliance Demonstration
- 143 40CFR 60.48b(e), NSPS Subpart Db: Continuous Monitoring Systems
- 144 40CFR 60.48b(e)(1), NSPS Subpart Db: Span Value for Continuous Opacity Monitors
- 145 40CFR 60.49b(a), NSPS Subpart Db: Compliance Demonstration
- 146 40CFR 60.49b(b), NSPS Subpart Db: Compliance Demonstration
- 137 40CFR 60.49b(d), NSPS Subpart Db: Compliance Demonstration
- 147 40CFR 60.49b(f), NSPS Subpart Db: Compliance Demonstration
- 148 40CFR 60.49b(h), NSPS Subpart Db: Compliance Demonstration
- 149 40CFR 60.49b(o), NSPS Subpart Db: Records Retention
- 150 40CFR 60.49b(s), NSPS Subpart Db: Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 151 6NYCRR 201-5: General Provisions
- 152 6NYCRR 201-5: Permit Exclusion Provisions
- 153 6NYCRR 201-5: Emission Unit Definition
- 154 6NYCRR 201-5.3(b): Contaminant List
- 155 6NYCRR 211.2: Air pollution prohibited
- 156 6NYCRR 211.2: Fugitive Dust Control Plan
- 157 6NYCRR 211.2: Compliance Demonstration
- 158 6NYCRR 221.2: Absbetos containing surface coatings prohibited

**Emission Unit Level**

- 159 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 160 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping. 2493 - RECONSTITUTED WOOD PRODUCTS

Permit Effective Date: 11/15/2001

Permit Expiration Date: No expiration date.



**FEDERALLY ENFORCEABLE CONDITIONS**

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

**Condition 33: Open Fires Prohibited at Industrial and Commercial Sites**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 215**

**Item 33.1:**

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

**Condition 4: Maintenance of equipment**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 4.1:**

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

**Condition 8: Recycling and Salvage**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 8.1:**

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

**Condition 9: Prohibition of Reintroduction of Collected Contaminants to the Air**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 9.1:**

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

**Condition 12: Proof of Eligibility**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**



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

**Item 12.1:**

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

**Condition 14: Proof of Eligibility**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 14.1:**

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

**Condition 25: Required emissions tests**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 25.1:**

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.

**Condition 31: Visible emissions limited.**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 31.1:**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-



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minute period per hour of not more than 57 percent opacity.

**Condition 1: Definitions Applicable To This Permit**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.1**

**Item 1.1:**

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

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

**Condition 2: Sealing**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.5**

**Item 2.1:**

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

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

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

**Condition 3: Acceptable ambient air quality**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 3.1:**

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



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any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the commissioner shall specify the degree and/or method of emission control required.

**Condition 5: Unpermitted Emission Sources**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.2**

**Item 5.1:**

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

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

**Condition 6: Unavoidable Noncompliance and Violations**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 6.1:**

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

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit or certificate issued for the corresponding air contamination source. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.
- (b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working



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hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

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

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

**Condition 7: Emergency Defense**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.5**

**Item 7.1:**

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

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

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

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

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

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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



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requirement.

**Condition 10: Public Access to Recordkeeping**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.10(a)**

**Item 10.1:**

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.

**Condition 11: Exempt and Trivial Activities Applicability**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-3.1(a)**

**Item 11.1:**

If the facility owner and/or operator performs any of the exempt and trivial activities listed in 6 NYCRR Part 201-3.2(c) or 201-3.3(c), such activities are exempt from the permitting provisions of 6 NYCRR Part 201-5, but not from other Parts of 6 NYCRR Chapter III, or from applicable permitting requirements of local air pollution control agencies.

**Condition 13: Exempt Activities - Maintenance of Control Equipment**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 13.1:**

Owner of any emission source or unit that is listed as eligible to be exempt in 6 NYCRR Part 201-3.2(c), on the basis of the use of appropriate emission control device shall operate and maintain such device in a manner consistent with good engineering practices.

**Condition 15: Non Applicable requirements**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 15.1:**

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

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6NYCRR 201-6.1(a)

Reason: Facility is not applicable to 6NYCRR Part 201-6.1 (a) as the facility has accepted federally enforceable conditions that limit the amount of oxides of nitrogen to 190,000 pounds per consecutive 365 day period, limit volatile organic compounds to 95,000 pounds per consecutive 365 day period, limit carbon monoxide to 190,000 pounds per consecutive 365 day period, limit PM-10 to 190,000 pounds per consecutive 365 day period and limit both individual HAP's to 19,000 pounds and cumulative HAP's to 45,000 pounds per consecutive 365 day period respectively. The above referenced emissions limitations are less than the major stationary source limits as defined by 6NYCRR Part 201.1 (b) (21).

6NYCRR 212.10(a)(2)

Reason: Facility is not applicable to 6NYCRR Part 212.10 (a) (2) as the facility has accepted federally enforceable conditions that limit the amount of oxides of nitrogen to 190,000 pounds per consecutive 365 day period and limit volatile organic compounds to 95,000 pounds per consecutive 365 day period. The above referenced emissions limitations are less than the major stationary source limits as defined by 6NYCRR Part 201.1 (b) (21).

6NYCRR 227-2.1

Reason: Facility is not applicable to 6NYCRR Part 227-2 as the facility has accepted federally enforceable conditions that limit the amount of oxides of nitrogen to 190,000 pounds per consecutive 365 day period. The above referenced emissions limitation is less than the major stationary source limits as defined by 6NYCRR Part 201.1 (b) (21).

6NYCRR 231-2.2(a)(2)

Reason: Facility is not applicable to 6NYCRR Part 231-2.2 (a) (2) as the facility has accepted federally enforceable conditions that limit the amount of oxides of nitrogen to 190,000 pounds per consecutive 365 day period and limit volatile organic compounds to 95,000 pounds per consecutive 365 day period. The above referenced emissions limitations are less than the major stationary source limits as defined by 6NYCRR Part 201.1 (b) (21).

40CFR 52-A.21(i)(2)

Reason: Facility is not applicable to 6NYCRR Part 201-6.1 (a) as the facility has accepted federally enforceable conditions



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that limit the amount of oxides of nitrogen to 190,000 pounds per consecutive 365 day period, limit volatile organic compounds to 95,000 pounds per consecutive 365 day period, limit carbon monoxide to 190,000 pounds per consecutive 365 day period, limit PM-10 to 190,000 pounds per consecutive 365 day period, limit both individual HAP's to 19,000 pounds and cumulative HAP's to 45,000 pounds per consecutive 365 day period respectively and limit particulate matter to 475,000 pounds per consecutive 365 day period.. The above referenced emissions limitations are less than the major stationary source limits as defined by 40CFR52.21 (b)(1)(i)(a).

**Condition 16: Synthetic minor facility capping provisions.**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 16.1:**

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

**Item 16.2:**

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 16.3:**

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

**Item 16.4:**

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 17: Facility Permissible Emissions**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 17.1:**



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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: 000630-08-0                      PTE: 195,000 pounds per year  
Name: CARBON MONOXIDE

CAS No: 0NY075-00-0                      PTE: 475,000 pounds per year  
Name: PARTICULATES

CAS No: 0NY075-00-5                      PTE: 190,000 pounds per year  
Name: PM-10

CAS No: 0NY100-00-0                      PTE: 47,500 pounds per year  
Name: HAP

CAS No: 0NY210-00-0                      PTE: 190,000 pounds per year  
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0                      PTE: 95,000 pounds per year  
Name: VOC

**Condition 18: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 18.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY998-00-0    VOC

**Item 18.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes  
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

Facility owner shall ensure that that a minimum of 98% of all process raw material is comprised of Red Maple, Silver Maple, Quaking Aspen, Bigtooth Aspen, Balsam Poplar and Balm of Gilread with no more than a maximum 2% contamination factor during any consecutive 365 day period. Contamination factor is considered to be and unadulterated wood species not otherwise listed above.



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Contamination factor will be controlled by in accordance with the facilities Scale House Plan. A copy of the Scale House Plan shall be maintained with the permit for this facility at all times.

Facility owner must maintain records that verify the facility's daily process raw material throughput and the amount of the facilities raw material contamination factor. 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 raw material contamination factor over any consecutive 365 day period were below 2% of total raw material throughput.. The annual reports must include information that documents the total amount of raw materials used including individual species of wood and the amount of raw material considered as contamination.

Any noncompliance with the particulate matter 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.

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 19: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 19.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 19.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



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**Facility DEC ID: 6405000071**

**Monitoring Description:**

Facility owner shall ensure that emissions of Carbon Monoxide (CO), including those from permitted, exempt and trivial, remain less than 190,000 pounds during any consecutive 365 day period.

Facility owner must maintain records that verify the facility's daily CO 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 CO emissions over any consecutive 365 day period were below 190,000 pounds. The annual reports must include information that documents the CO 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 CO emissions.

Any noncompliance with the CO 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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/14/2002 for the period 11/15/2001 through 11/14/2002

**Condition 20: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 20.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 20.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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**Facility DEC ID: 6405000071**



**Monitoring Description:**

Facility owner shall ensure that emissions of Volatile Organic Compounds (VOC), including those from permitted, exempt, and trivial sources, remain less than 95,000 pounds during any consecutive 365 day period.

Facility owner must maintain records that verify the facility's daily 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 365 day period were below 95,000 pounds. The annual reports must include information that documents the VOC 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 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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/14/2002 for the period 11/15/2001 through 11/14/2002

**Condition 21: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 21.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 21.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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**Monitoring Description:**

Facility owner shall ensure that emissions of particulate matter, including those from permitted, exempt, and trivial sources, remain less than 475,000 pounds during any consecutive 365 day period.

Facility owner must maintain records that verify the facility's daily particulate matter 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 particulate matter emissions over any consecutive 365 day period were below 475,000 pounds. The annual reports must include information that documents the particulate matter 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 particulate matter emissions.

Any noncompliance with the particulate matter 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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/14/2002 for the period 11/15/2001 through 11/14/2002

**Condition 22: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 22.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 22.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility owner shall ensure that emissions of hazardous air pollutants (HAP), including those from permitted, exempt and trivial, remain less than 47,500 pounds during any consecutive 365 day period. Facility owner shall also ensure that emissions of each individual HAP remain less than 19,000 pounds during any consecutive 365 day period.

Facility owner must maintain records that verify the facility's daily total HAP emissions and individual HAP 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 total HAP emissions over any consecutive 365 day period were below 47,500 pounds and that the emissions of each individual HAP over any consecutive 365 day period were below 19,000 pounds. 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.

This condition also ensures that the facility is non-applicable to 40 CFR 63 Subpart QQQQ.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/14/2002 for the period 11/15/2001 through 11/14/2002

**Condition 23: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 23.1:**

The Compliance Demonstration activity will be performed for the Facility.



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Regulated Contaminant(s):

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

**Item 23.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility owner shall ensure that emissions of Oxides of Nitrogen (NO<sub>x</sub>), including those from permitted, exempt and trivial sources, remain less than 190,000 pounds during any consecutive 365 day period.

Facility owner must maintain records that verify the facility's daily NO<sub>x</sub> 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 NO<sub>x</sub> emissions over any consecutive 365 day period were below 190,000 pounds. The annual reports must include information that documents the NO<sub>x</sub> 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 NO<sub>x</sub> emissions.

Any noncompliance with the NO<sub>x</sub> 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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/14/2002 for the period 11/15/2001 through 11/14/2002

**Condition 24: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 24.1:**

The Compliance Demonstration activity will be performed for the Facility.



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**Facility DEC ID: 6405000071**

Regulated Contaminant(s):  
CAS No: 0NY075-00-5 PM-10

**Item 24.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes  
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

Facility owner shall ensure that emissions of PM-10, including those from permitted, exempt and trivial sources, remain less than 190,000 pounds during any consecutive 365 day period.

Facility owner must maintain records that verify the facility's daily PM-10 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 PM-10 emissions over any consecutive 365 day period were below 190,000 pounds. The annual reports must include information that documents the PM-10 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 PM-10 emissions.

Any noncompliance with the PM-10 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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/14/2002 for the period 11/15/2001 through 11/14/2002

**Condition 26: Notification**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 202-1.2**

**Item 26.1:**

A person who is required by the commissioner to submit a stack test report shall notify the commissioner,



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in writing, not less than 30 days prior to the test, of the time and date of the test. Such notification shall also include the acceptable procedures to be used to stack test including sampling and analytical procedures. Such person shall allow the commissioner, or his representative, free access to observe stack testing being conducted by such person.

**Condition 27: Acceptable procedures**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 202-1.3**

**Item 27.1:**

Emission testing, sampling, and analytical determinations to ascertain compliance with this Subpart shall be conducted in accordance with test methods acceptable to the commissioner.

**Condition 28: Acceptable procedures - Stack test report submittal**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 202-1.3**

**Item 28.1:**

Emission test reports must be submitted in triplicate to the commissioner within 60 days after the completion of the tests, unless additional time is requested in writing.

**Condition 29: Acceptable procedures**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 202-1.3(a)**

**Item 29.1:**

Emission testing, sampling and analytical determinations to ascertain compliance with this Subchapter shall be conducted in accordance with test methods acceptable to the commissioner. The Reference Methods contained in part 60, appendix A and part 61, appendix B of title 40 of the Code of Federal Regulations and all future technical revisions, additions or corrections made thereto shall be considered as acceptable test methods for those sources and contaminants for which they are expressly applicable, except where the commissioner has issued a specific method to be used instead of a Reference Method contained in these Federal regulations or where the commissioner determines that one or more alternate methods are also acceptable. The person who owns or operates an air contamination source shall submit the emission test report in triplicate, to the commissioner within 60 days after the completion of tests. In the event such source owner/operator can demonstrate to the commissioner such time is not sufficient, he may request in writing and be granted an extension. Where an opacity emission standard is applicable to the source tested, the emission test report shall include the opacity observation.

**Condition 30: Prohibitions**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 202-1.5**



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**Item 30.1:**

No person shall conceal an emission by the use of air or other gaseous diluents to achieve compliance with an emission standard which is based on the concentration of a contaminant in the gases emitted through a stack.

**Condition 32: Facility Permissible Emissions**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 32.1:**

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: 000067-56-1

PTE: 19,000 pounds per year

Name: METHYL ALCOHOL

**Condition 34: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 34.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 34.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall sell, offer for sale, purchase or use any distillate oil which has a sulfur content greater than the limit presented below. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 35: Compliance Demonstration**



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**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 225-1.8**

**Item 35.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 35.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator of a facility which purchases and fires coal and/or oil shall submit reports to the commissioner containing fuel analysis data, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a minimum of three years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

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

**Condition 36: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 36.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 36.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any person who sells oil and/or coal must retain, for at least three years, records containing the following information:

- i. fuel analyses and data on the quantities of all oil and coal received; and

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- ii. the names of all purchasers, fuel analyses and data on the quantities of all oil and coal sold.

Such fuel analyses must contain as a minimum:

- i. data on the sulfur content, ash content, specific gravity and heating value of residual oil;
- ii. data on the sulfur content, specific gravity and heating value of distillate oil; and
- iii. data on the sulfur content, ash content and heating value of coal.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 37: Sampling, compositing, and analysis of fuel samples**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 37.1:**

All sampling, compositing, and analysis of fuel samples, taken to determine compliance with 6 NYCRR Part 225-1, must be done in accordance with methods acceptable to the commissioner.

**Condition 38: Corrective action.**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 38.1:**

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

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

**Condition 39: Corrective action.**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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



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**Item 39.1:**

The commissioner may seal the affected stationary combustion installation that does not comply with the provisions in subdivision 6 NYCRR 227-1.6(a) within the time provided.

**Condition 40: Corrective action.**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 40.1:**

No person shall cause, permit, or allow the operation of any affected stationary combustion installation sealed by the commissioner in accordance with this section.

**Condition 41: Corrective action.**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 41.1:**

No person except the commissioner or his representative shall remove, tamper with, or destroy any seal affixed to any affected stationary combustion installation.

**Condition 42: Emissions data requirements.**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 42.1:**

Sampling, compositing, and analysis of fuel samples shall be conducted in accordance with methods acceptable to the commissioner.

**Condition 43: Compliance must be demonstrated upon start up**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.1(d)(4)**

**Item 43.1:**

Any owner or operator of a facility involving a coating line described in table 1 or table 2 of 6 NYCRR Part 228.8 which is constructed after March 1, 1993 and which meets the applicability criteria established in 6 NYCRR Part 228.1 (d)(3), must demonstrate compliance with 6 NYCRR Part 228 upon start up.

**Condition 44: Once in, always in**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.1(g)**

**Item 44.1:**



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

**Condition 45: EPA Region 2 address.**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A**

**Item 45.1:**

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 46: Date of Construction Notification - if a COM is used**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 46.1:**

Any owner or operator subject to this part shall furnish the Administrator with the following information:

- 1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days after such date;
- 3) a notification of the actual date of initial start up, post marked within 15 days after such date;
- 4) 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 this part. 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, productive capability of the facility before and after the change, and



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the expected completion date of the change. The Administrator may request additional information regarding the change;

- 5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, post marked not less than 30 days prior to such date;
- 6) a notification of the anticipated date for conducting the opacity observations, post marked not less than 30 days prior to such date, if a continuous opacity monitor is not being used at the facility; and
- 7) a notification that continuous opacity monitoring system data results will be used to determine compliance with the applicable opacity standard during the performance test, post marked not less than 30 days prior to the performance test.

**Condition 47: Recordkeeping requirements.**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 47.1:**

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 48: Excess emissions report.**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 48.1:**

Affected owners or operators shall submit an excess emissions report and/or a summary report form (as defined in 40 CFR 60.7(d)) semi-annually (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be post marked no later than 30 days after each calendar quarter (or as appropriate), and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.



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**Condition 49: Facility files for subject sources.**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 49.1:**

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspections. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

**Condition 50: Performance testing timeline.**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 50.1:**

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 51: Prior notice.**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 51.1:**

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

**Condition 52: Performance testing facilities.**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 52.1:**

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;
- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

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**Condition 53: Number of required tests.**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 53.1:**

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

**Condition 54: Availability of information.**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A**

**Item 54.1:**

The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by 40 CFR Part 2.

**Condition 55: Compliance with Standards and Maintenance Requirements**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.11(d), NSPS Subpart A**

**Item 55.1:**

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

**Condition 56: Circumvention.**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A**

**Item 56.1:**

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 57: Modifications.**



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**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A**

**Item 57.1:**

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 58: Facility Permissible Emissions**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.44b(l)(1), NSPS Subpart Db**

**Item 58.1:**

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

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

CAS No: 0NY210-00-0                      PTE: 190,000 pounds per year  
Name: OXIDES OF NITROGEN

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

**Condition 59: Process Permissible Emissions**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 59.1:**

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: U-00001                      Process: OSB  
  
CAS No: 0NY075-00-5  
Name: PM-10  
PTE(s): 21.7 pounds per hour  
190,000 pounds per year

**Condition 60: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

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**Item 60.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 60.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Source owner must maintain records of the volatile matter content of flaked wood utilized in the OSB process. The facility will test for the volatile matter content of flaked wood used monthly and during any required performance testing.

Reference Test Method: ASTM E872-82

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/14/2002 for the period 11/15/2001 through 11/14/2002

**Condition 61: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 61.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: 0C007

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

**Item 61.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



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Source owner shall operate the baghouse within the manufacturer's recommended pressure drop range. Pressure drop readings will be monitored and recorded once every four hours to demonstrate proper operation of the baghouse and effective control of PM-10. Verification of effective control for PM-10 based upon manufacturer's pressure drop range will occur during the initial compliance testing. Based upon the results of that testing precise upper and lower limits of the operating range will be established.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 62: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 62.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB                      Emission Source: 0C008

Regulated Contaminant(s):

CAS No: 0NY075-00-5    PM-10

**Item 62.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Source owner shall operate the baghouse within the manufacturer's recommended pressure drop range. Pressure drop readings will be monitored and recorded once every four hours to demonstrate proper operation of the baghouse and effective control of PM-10.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)



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**Condition 63: Requirements for cold cleaning (batch cold) degreasers  
Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 226**

**Item 63.1:**

This Condition applies to Emission Unit: U-00001

Process: OSB

Emission Source: ODEGR

**Item 63.2:**

**6NYCRR Part 226 Requirements for Cold Cleaning Degreasers**

**A. Equipment specifications:**

1. A cover shall be provided which can be operated easily.
2. The drainage facility shall be internal (under cover), if practical.
3. A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.7, or a water cover where the solvent is insoluble in and heavier than water, where the solvent being used has a vapor pressure greater than 33mm Hg at 38°C (100°F) or where the solvent is heated above 50°C (120°F)

**B. Operating requirements:**

1. Clean parts shall be drained at least 15 seconds or until dripping ceases.

**C. General requirements:**

No person shall conduct solvent metal cleaning unless:

1. Solvent is stored in covered containers and waste solvent is transferred or disposed of in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere.
2. Equipment used in solvent metal cleaning is maintained to minimize leaks and fugitive emissions.
3. Equipment used in solvent metal cleaning displays a conspicuous summary of proper operating procedures consistent with minimizing emissions of volatile organic compounds.
4. Equipment covers are closed when the solvent metal cleaning unit is not in service.
5. A record of solvent consumption shall be maintained for each year and made available to the commissioner or his representative upon request.

**Condition 64: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 64.1:**

The Compliance Demonstration activity will be performed for:



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Emission Unit: U-00001

Process: OSB

Emission Source: 0DRY1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 64.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Source owner shall operate this fluidized bed combustor (FBC1) within the manufacturer's recommended operating ranges. The inlet temperature of dryer 1 will be continuously monitored and recorded to demonstrate proper operation of the FBC and effective control of volatile organic compounds (VOC) formation.

During the initial performance test source owner will continuously monitor and record the dryer inlet temperature of dryer 1. A maximum inlet temperature where compliance with the VOC emission limits, for emission point S0007, was demonstrated will be determined during the initial performance test. Initially until the above temperature is determined, the dryer 1 inlet temperature shall not rise above 950 degrees Fahrenheit.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 950 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 65: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 65.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: 0DRY2



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Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 65.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Source owner shall operate this fluidized bed combustor (FBC2) within the manufacturer's recommended operating ranges. The inlet temperature of dryer 2 will be continuously monitored and recorded to demonstrate proper operation of the FBC and effective control of volatile organic compounds (VOC) formation.

During the initial performance test source owner will continuously monitor and record the dryer inlet temperature of dryer 2. A maximum inlet temperature where compliance with the VOC emission limits, for emission point S0007, was demonstrated will be determined during the initial performance test. Initially until the above temperature is determined, the dryer 2 inlet temperature shall not rise above 950 degrees Fahrenheit.

Parameter Monitored: TEMPERATURE  
Upper Permit Limit: 950 degrees Fahrenheit  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION  
Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)  
Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 66: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 66.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001  
Process: OSB Emission Source: 0EBLR

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



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**Item 66.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

To maintain oxides of nitrogen below 190,000 pounds this source shall not exceed 500 hours of operation during any consecutive 365 day period. Verification of daily oxides of nitrogen emissions will be determined by calculations using emission factors acceptable to this Department. Facility shall provide a report, with the required calculations and a demonstration of compliance with this limit to the NYSDEC Region 6 office by the reporting deadlines contained below.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 500 hours

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/14/2002 for the period 11/15/2001 through 11/14/2002

**Condition 67: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 67.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: OEBLR

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 67.2:**

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

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hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 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

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stack.

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 1/30/2002.

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

**Condition 68: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 68.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: OEBLR

**Item 68.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.
- (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel

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fired.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 69: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 69.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: 0EDGE

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 69.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of all paint spray booths must periodically monitor the booths and the accompanying particulate control device(s) by completing the following tasks on a weekly basis:

- Inspect the spray booth emission point for evidence of paint fallout and for presence of visible emissions. Presence of visible emissions indicates that the emission sources may not be operating properly and may need servicing.
- Inspect the spray booth's particulate control device for evidence that maintenance or replacement is needed.
- Record in an inspection log, which shall be made available for Department review upon request, the following information: Date, time, name of staff person performing inspection, and inspection results for each inspection; and, whenever a problem is discovered, a description of the problem, cause and corrective action taken.

Regardless of when a problem is noted, i.e., at a time other than during the weekly inspection, it must be immediately remedied.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 70: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.2**

**Item 70.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: 0EDGE

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 70.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For all surface coatings subject to 6NYCRR Part 228, the VOC content (as applied, minus water and exempt VOC), must be less than or equal to the limit specified in Table 1 or Table 2 for the respective surface that is coated.

The VOC content of a coating, as applied, is calculated as follows:

$$(\text{VOC})_a = (\text{Dc})_a \left\{ \frac{[(\text{Wv})_a - (\text{Ww})_a - (\text{We})_a]}{[1 - [(\text{Vw})_a + (\text{Ve})_a]]} \right\}$$

Where:

(VOC)<sub>a</sub> = VOC content of "as applied" coating, expressed as a mass of VOC in pounds, per gallon of coating, in gallons, minus water and exempt VOC

(Dc)<sub>a</sub> = Coating density as applied, in pounds per gallon

(Wv)<sub>a</sub> = The weight fraction of total volatiles in the coating, as applied

(Ww)<sub>a</sub> = The weight fraction of water in the coating, as applied

(Vw)<sub>a</sub> = The volume fraction of water in the coating, as applied



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(We)<sub>a</sub>= The weight fraction of exempt VOCs in the coating,  
as applied

(Ve)<sub>a</sub>= The volume fraction of exempt VOCs in the coating,  
as applied

Reference Test Method: Method 24 (40CFR60)

Monitoring Frequency: MONTHLY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 71: Volatile organic compound emission control requirements**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.3(a)**

**Item 71.1:**

This Condition applies to Emission Unit: U-00001

Process: OSB

Emission Source: 0EDGE

**Item 71.2:**

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

In the absence of an approved coating system, approved control equipment or a variance, surface coating of only those materials specified in conditions of this permit citing Tables 1 and 2 in Sections 228.7 and 228.8 shall be allowed.

**Condition 72: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.4**

**Item 72.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: 0EDGE

**Item 72.2:**

Compliance Demonstration shall include the following monitoring:

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



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**Monitoring Description:**

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

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA 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 73: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(a)**

**Item 73.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: 0EDGE

**Item 73.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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**Condition 74: method 24 40 CFR 60**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(b)**

**Item 74.1:**

This Condition applies to Emission Unit: U-00001  
Process: OSB Emission Source: 0EDGE

**Item 74.2:**

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

**Condition 75: Alternative Analytical Methods**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(c)**

**Item 75.1:**

This Condition applies to Emission Unit: U-00001  
Process: OSB Emission Source: 0EDGE

**Item 75.2:**

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

**Condition 76: samples**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(d)**

**Item 76.1:**

This Condition applies to Emission Unit: U-00001  
Process: OSB Emission Source: 0EDGE

**Item 76.2:**

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

**Condition 77: prohibition of sale or specification**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.6(a)**

**Item 77.1:**

This Condition applies to Emission Unit: U-00001



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Process: OSB

Emission Source: 0EDGE

**Item 77.2:**

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

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

**Condition 78: certification**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.6(b)**

**Item 78.1:**

This Condition applies to Emission Unit: U-00001

Process: OSB

Emission Source: 0EDGE

**Item 78.2:**

Any person selling a coating for use in a coating line subject to 6NYCRR Part 228 must, upon request, provide the user with certification of the volatile organic compound content of the coating supplied.

**Condition 79: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.7**

**Item 79.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: 0EDGE

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 79.2:**

Compliance Demonstration shall include the following monitoring:



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Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Coating lines for flat wood finishing of printed interior panels made of hardwood, plywood and particle board.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: PAINT

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 2.5 pounds per gallon

Monitoring Frequency: SINGLE OCCURRENCE

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

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

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**Condition 80: products regulated**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.9**

**Item 80.1:**

This Condition applies to Emission Unit: U-00001  
Process: OSB Emission Source: 0EDGE

**Item 80.2:**

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

**Condition 81: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.10**

**Item 81.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001  
Process: OSB Emission Source: 0EDGE

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 81.2:**

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

The surface coating operations shall be inspected daily to determine if there are any open containers present. Open containers, if found, shall be covered.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 82: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 82.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: 0EFP1



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Regulated Contaminant(s):

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

**Item 82.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

To maintain oxides of nitrogen below 190,000 pounds this source shall not exceed 500 hours of operation during any consecutive 365 day period. Verification of daily oxides of nitrogen emissions will be determined by calculations using emission factors acceptable to this Department. Facility shall provide a report, with the required calculations and a demonstration of compliance with this limit to the NYSDEC Region 6 office by the reporting deadlines contained below.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 500 hours

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/14/2002 for the period 11/15/2001 through 11/14/2002

**Condition 83: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 83.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: 0EFP2

Regulated Contaminant(s):

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

**Item 83.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC

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**OPERATIONS**

**Monitoring Description:**

To maintain oxides of nitrogen below 190,000 pounds this source shall not exceed 500 hours of operation during any consecutive 365 day period. Verification of daily oxides of nitrogen emissions will be determined by calculations using emission factors acceptable to this Department. Facility shall provide a report, with the required calculations and a demonstration of compliance with this limit to the NYSDEC Region 6 office by the reporting deadlines contained below.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 500 hours

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/14/2002 for the period 11/15/2001 through 11/14/2002

**Condition 84: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 84.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB                      Emission Source: 0FBC1

Regulated Contaminant(s):

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

**Item 84.2:**

Compliance Demonstration shall include the following monitoring:

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

**Monitoring Description:**

Source owner shall operate the ammonia injection system (SNCR) within the manufacturer's recommended range ( 0 to 16.84 gallons per hour based upon 20% ammonia on a weight basis ). The ammonia injection rate will be continuously monitored and recorded to demonstrate proper operation of the SNCR system and effective NOx control.

During the initial performance test source owner will



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continuously monitor and record the ammonia injection rate. An acceptable range of ammonia injection rates over which compliance with the NOx and ammonia emission limits, for emission point S0007, was demonstrated will be determined during the initial performance test. Verification of effective control for NOx based upon manufactures recommended range will occur during the initial compliance testing. Based upon the results of that testing precise upper and lower limits of the operating range will be established.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 0 gallons per hour

Upper Permit Limit: 16.84 gallons per hour

Monitoring Frequency: CONTINUOUS

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 85: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 85.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB                      Emission Source: 0FBC1

Regulated Contaminant(s):

CAS No: 0NY998-00-0    VOC

**Item 85.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Source owner shall operate this fluidized bed combustor (FBC1) within the manufacturer's recommended operating ranges. The upper combustion chamber temperature of the FBC will be continuously monitored and recorded to demonstrate proper operation of the FBC and effective control of volatile organic compounds (VOC) and carbon monoxide (CO).

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During the initial performance test source owner will continuously monitor and record the upper combustion chamber temperature of this FBC. A minimum upper combustion chamber temperature where compliance with the VOC and CO emission limits, for emission point S0007, was demonstrated will be determined during the initial performance test. Initially until the above temperature is determined, the upper combustion chamber temperature shall not fall below 1640 degrees Fahrenheit.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1640 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED  
VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 86: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.44b(l)(1), NSPS Subpart Db**

**Item 86.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB                      Emission Source: 0FBC1

Regulated Contaminant(s):

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

**Item 86.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

Natural gas usage at this combustion source shall not exceed 127.5 million cubic feet during any consecutive 365 day period. Source owner shall keep daily records of the natural gas burned in EPI Fluid Bed Combustor #1. Such records will also include the quantity of natural gas burned during each consecutive 365 day period.



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This condition ensures that the source is non-applicable to standards for nitrogen oxides per 40 CFR 60 Subpart Db.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 127.5 million cubic feet per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 87: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 87.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: 0FBC2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 87.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Source owner shall operate this fluidized bed combustor (FBC2) within the manufacturer's recommended operating ranges. The upper combustion chamber temperature of the FBC will be continuously monitored and recorded to demonstrate proper operation of the FBC and effective control of volatile organic compounds (VOC) and carbon monoxide (CO).

During the initial performance test source owner will continuously monitor and record the upper combustion chamber temperature of this FBC. A minimum upper combustion chamber temperature where compliance with the VOC and CO emission limits, for emission point S0007, was demonstrated will be determined during the initial performance test. Initially until the above temperature



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is determined, the upper combustion chamber temperature shall not fall below 1640 degrees Fahrenheit.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1640 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED  
VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 88: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 88.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB                      Emission Source: 0FBC2

Regulated Contaminant(s):

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

**Item 88.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Source owner shall operate the ammonia injection system (SNCR) within the manufacturer's recommended range ( 0 to 16.84 gallons per hour based upon 20% ammonia on a weight basis ). The ammonia injection rate will be continuously monitored and recorded to demonstrate proper operation of the SNCR system and effective NOx control.

During the initial performance test source owner will continuously monitor and record the ammonia injection rate. An acceptable range of ammonia injection rates over which compliance with the NOx and ammonia emission limits, for emission point S0007, was demonstrated will be determined during the initial performance test. Verification of effective control for NOx based upon manufactures recommended range will occur during the initial compliance testing. Based upon the results of



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that testing precise upper and lower limits of the operating range will be established.

Parameter Monitored: VOLUMETRIC FLOW RATE

Lower Permit Limit: 0 gallons per hour

Upper Permit Limit: 16.84 gallons per hour

Monitoring Frequency: CONTINUOUS

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 89: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.44b(l)(1), NSPS Subpart Db**

**Item 89.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB Emission Source: 0FBC2

Regulated Contaminant(s):

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

**Item 89.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Natural gas usage at this combustion source shall not exceed 127.5 million cubic feet during any consecutive 365 day period. Source owner shall keep daily records of the natural gas burned in EPI Fluid Bed Combustor #2. Such records will also include the quantity of natural gas burned during each consecutive 365 day period.

This condition ensures that the source is non-applicable to standards for nitrogen oxides per 40 CFR 60 Subpart Db.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 127.5 million cubic feet per year



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Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 90: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 90.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: OSTEN

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 90.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of all paint spray booths must periodically monitor the booths and the accompanying particulate control device(s) by completing the following tasks on a weekly basis:

- Inspect the spray booth emission point for evidence of paint fallout and for presence of visible emissions. Presence of visible emissions indicates that the emission sources may not be operating properly and may need servicing.
- Inspect the spray booth's particulate control device for evidence that maintenance or replacement is needed.
- Record in an inspection log, which shall be made available for Department review upon request, the following information: Date, time, name of staff person performing inspection, and inspection results for each inspection; and, whenever a problem is discovered, a description of the problem, cause and corrective action taken.

Regardless of when a problem is noted, i.e., at a time other than during the weekly inspection, it must be immediately remedied.



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 91: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.2**

**Item 91.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: 0STEN

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 91.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For all surface coatings subject to 6NYCRR Part 228, the VOC content (as applied, minus water and exempt VOC), must be less than or equal to the limit specified in Table 1 or Table 2 for the respective surface that is coated.

The VOC content of a coating, as applied, is calculated as follows:

$$(VOC)_a = (Dc)_a \{ [(Wv)_a - (Ww)_a - (We)_a] / [ 1 - [(Vw)_a + (Ve)_a] ] \}$$

Where:

(VOC)<sub>a</sub> = VOC content of "as applied" coating, expressed as a mass of VOC in pounds, per gallon of coating, in gallons, minus water and exempt VOC

(Dc)<sub>a</sub> = Coating density as applied, in pounds per gallon

(Wv)<sub>a</sub> = The weight fraction of total volatiles in the coating, as applied

(Ww)<sub>a</sub> = The weight fraction of water in the coating, as applied

(Vw)<sub>a</sub> = The volume fraction of water in the coating, as applied



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(We)<sub>a</sub>= The weight fraction of exempt VOCs in the coating,  
as applied

(Ve)<sub>a</sub>= The volume fraction of exempt VOCs in the coating,  
as applied

Reference Test Method: Method 24 (40CFR60)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 92: Volatile organic compound emission control requirements**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.3(a)**

**Item 92.1:**

This Condition applies to Emission Unit: U-00001

Process: OSB

Emission Source: OSTEN

**Item 92.2:**

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

In the absence of an approved coating system, approved control equipment or a variance, surface coating of only those materials specified in conditions of this permit citing Tables 1 and 2 in Sections 228.7 and 228.8 shall be allowed.

**Condition 93: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.4**

**Item 93.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: OSTEN

**Item 93.2:**

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 shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six-minute period from any emission source subject to 6NYCRR Part 228.

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA 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 94: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(a)**

**Item 94.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: OSTEN

**Item 94.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

**Monitoring Description:**

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION**



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Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 95: method 24 40 CFR 60**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(b)**

**Item 95.1:**

This Condition applies to Emission Unit: U-00001  
Process: OSB Emission Source: OSTEN

**Item 95.2:**

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

**Condition 96: Alternative Analytical Methods**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(c)**

**Item 96.1:**

This Condition applies to Emission Unit: U-00001  
Process: OSB Emission Source: OSTEN

**Item 96.2:**

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

**Condition 97: samples**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(d)**

**Item 97.1:**

This Condition applies to Emission Unit: U-00001  
Process: OSB Emission Source: OSTEN

**Item 97.2:**

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

**Condition 98: prohibition of sale or specification**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.6(a)**

**Item 98.1:**



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This Condition applies to Emission Unit: U-00001

Process: OSB

Emission Source: OSTEN

**Item 98.2:**

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

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

**Condition 99: certification**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.6(b)**

**Item 99.1:**

This Condition applies to Emission Unit: U-00001

Process: OSB

Emission Source: OSTEN

**Item 99.2:**

Any person selling a coating for use in a coating line subject to 6NYCRR Part 228 must, upon request, provide the user with certification of the volatile organic compound content of the coating supplied.

**Condition 100: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.7**

**Item 100.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: OSTEN

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 100.2:**

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Coating lines for flat wood finishing of printed interior panels made of hardwood, plywood and particle board.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: PAINT

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 2.5 pounds per gallon

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

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

**Condition 101: products regulated**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.9**

**Item 101.1:**

This Condition applies to Emission Unit: U-00001

Process: OSB

Emission Source: OSTEN

**Item 101.2:**

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

**Condition 102: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.10**

**Item 102.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: OSB

Emission Source: OSTEN

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

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**Item 102.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

The surface coating operations shall be inspected daily to determine if there are any open containers present. Open containers, if found, shall be covered.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 103: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 103.1:**

The Compliance Demonstration activity will be performed for:

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Emission Unit: U-00001 Emission Point: S0001  
Process: OSB

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

**Item 103.2:**

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: 0.05 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 104: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 104.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0001  
Process: OSB

**Item 104.2:**

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



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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 105: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 105.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001      Emission Point: S0001

Process: OSB                      Emission Source: 0C001

Regulated Contaminant(s):

CAS No: 0NY075-00-5      PM-10

**Item 105.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emissions of PM-10 from this source shall not exceed 0.6 pounds per hour.

Source owner shall operate the baghouse within the manufacturer's recommended pressure drop range. Pressure drop readings will be monitored and recorded once every four hours to demonstrate proper operation of the baghouse and effective control of PM-10. Verification of effective control for PM-10 based upon manufactures pressure drop range will occur during the initial compliance testing. Based upon the results of that testing precise upper and lower limits of the operating range will be established.

Reference Test Method: EPA Methods 201A/202



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 106: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 106.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0002  
Process: OSB

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 106.2:**

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: 0.05 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 107: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 107.1:**



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The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: S0002  
Process: OSB

**Item 107.2:**

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 108: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 108.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: S0002  
Process: OSB                      Emission Source: 0C002

Regulated Contaminant(s):

CAS No: 0NY075-00-5    PM-10

**Item 108.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



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Emissions of PM-10 from this source shall not exceed 0.03 pounds per hour.

Source owner shall operate the baghouse within the manufacturer's recommended pressure drop range. Pressure drop readings will be monitored and recorded once every four hours to demonstrate proper operation of the baghouse and effective control of PM-10. Verification of effective control for PM-10 based upon manufacturer's pressure drop range will occur during the initial compliance testing. Based upon the results of that testing precise upper and lower limits of the operating range will be established.

Reference Test Method: EPA Methods 201A/202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 109: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 109.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: S0004  
Process: OSB

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

**Item 109.2:**

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



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Upper Permit Limit: 0.05 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 110: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 110.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0004  
Process: OSB

**Item 110.2:**

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 111: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 111.1:**



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The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: S0004  
Process: OSB                Emission Source: 0C004

Regulated Contaminant(s):  
CAS No: 0NY075-00-5    PM-10

**Item 111.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes  
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:  
Emissions of PM-10 from this source shall not exceed 4.0 pounds per hour during reject-to-waste operation.

Source owner shall operate the baghouse within the manufacturer's recommended pressure drop range. Pressure drop readings will be monitored and recorded once every four hours to demonstrate proper operation of the baghouse and effective control of PM-10. Verification of effective control for PM-10 based upon manufactures pressure drop range will occur during the initial compliance testing. Based upon the results of that testing precise upper and lower limits of the operating range will be established.

Reference Test Method: EPA Methods 201A/202  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME  
Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)  
Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 112: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 112.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: S0004  
Process: OSB                Emission Source: 0C004



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**Permit ID: 6-4050-00071/00001**

**Facility DEC ID: 6405000071**

Regulated Contaminant(s):  
CAS No: 0NY075-00-5 PM-10

**Item 112.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes  
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:  
Emissions of PM-10 from this source shall not exceed 0.2 pounds per hour during reject-to-recycle operation.

Source owner shall operate the baghouse within the manufacturer's recommended pressure drop range. Pressure drop readings will be monitored and recorded once every four hours to demonstrate proper operation of the baghouse and effective control of PM-10. Verification of effective control for PM-10 based upon manufactures pressure drop range will occur during the initial compliance testing. Based upon the results of that testing precise upper and lower limits of the operating range will be established.

Reference Test Method: EPA Methods 201A/202  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME  
Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)  
Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 113: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 113.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0004  
Process: OSB Emission Source: 0C004

Regulated Contaminant(s):  
CAS No: 0NY075-00-5 PM-10

**Item 113.2:**

Compliance Demonstration shall include the following monitoring:

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Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operation of this emission source in the reject-to-waste mode is limited to 4380 hours during any consecutive 365 day period.

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 114: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 114.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: S0004

Process: OSB                Emission Source: 0C004

Regulated Contaminant(s):

CAS No: 0NY075-00-5    PM-10

**Item 114.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operation of this emission source in the reject-to-recycle mode is limited to 4380 hours during any consecutive 365 day period.

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 115: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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



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**Facility DEC ID: 6405000071**

**Item 115.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: S0005  
Process: OSB

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

**Item 115.2:**

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: 0.05 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 116: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 116.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: S0005  
Process: OSB

**Item 116.2:**

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



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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 117: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 117.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: S0005  
Process: OSB                Emission Source: 0C005

Regulated Contaminant(s):  
CAS No: 0NY075-00-5    PM-10

**Item 117.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emissions of PM-10 from this source shall not exceed 0.45 pounds per hour.

Source owner shall operate the baghouse within the manufacturer's recommended pressure drop range. Pressure drop readings will be monitored and recorded once every four hours to demonstrate proper operation of the baghouse and effective control of PM-10. Verification of effective control for PM-10 based upon manufactures pressure drop range will occur during the initial compliance testing. Based upon the results of that testing precise upper and lower limits of the operating range will be established.

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Reference Test Method: EPA Methods 201A/202  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION  
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED  
RANGE AT ANY TIME  
Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)  
Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 118: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 118.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0006  
Process: OSB

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

**Item 118.2:**

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: 0.05 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 119: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

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**Item 119.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: S0006  
Process: OSB

**Item 119.2:**

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 120: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 120.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: S0006  
Process: OSB                      Emission Source: 0C006

Regulated Contaminant(s):

CAS No: 0NY075-00-5    PM-10

**Item 120.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emissions of PM-10 from this source shall not exceed 2.14 pounds per hour.

Source owner shall operate the baghouse within the manufacturer's recommended pressure drop range. Pressure drop readings will be monitored and recorded once every four hours to demonstrate proper operation of the baghouse and effective control of PM-10. Verification of effective control for PM-10 based upon manufacturer's pressure drop range will occur during the initial compliance testing. Based upon the results of that testing precise upper and lower limits of the operating range will be established.

Reference Test Method: EPA Method 201A/202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 121: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 121.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):

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

**Item 121.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen (NOx) from this emission point shall not exceed 20.74 pounds per hour. Source owner shall determine compliance with this limit by performing a stack test following start-up of the facility. The stack test must occur at least sixty days from the date in which

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the facility reaches its maximum operating capacity but no later than 180 days after start-up. During the initial stack test for emission point S0007, the source owner will determine the maximum hourly production rate of 4' x 8' x 3/8 OSB at which the source complies with the NOx emission limit herein. Following the initial stack test, the maximum hourly production rate at which the facility demonstrated compliance with the NOx pound per hour limit shall be its maximum, not to be exceeded, allowable hourly production rate. Initially until the above maximum hourly production rate is determined, the maximum hourly production rate shall not exceed 54,794 square feet of OSB on a 3/8 inch basis except for periods of stack testing pursuant to a Department or EPA approved protocol.

Source owner shall submit a testing protocol, to the office issuing this permit, within 60 days of the anticipated test date. Upon approval of the testing protocol source owner shall perform the compliance testing in accordance with the protocol and submit a final stack test report within 60 days of test completion.

After the initial compliance test outlined above, the facility owner shall perform additional stack tests every 5 years to determine compliance with the NOX pound per hour emission limit contained in this condition. If any compliance test demonstrates that NOx emissions are greater than 90% of the pound per hour emission limit, contained in this condition, the facility owner shall perform a compliance test annually until the emissions of NOx are demonstrated to be less than 90% of the pound per hour emission limit in this condition.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 20.74 pounds per hour

Reference Test Method: EPA RM 7/7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 122: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

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**Item 122.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 122.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide (CO) from this emission point shall not exceed 18.32 pounds per hour. Source owner shall determine compliance with this limit by performing a stack test following start-up of the facility. The stack test must occur at least sixty days from the date in which the facility reaches its maximum operating capacity but no later than 180 days after start-up. During the initial stack test for emission point S0007, the source owner will determine the maximum hourly production rate of 4' x 8' x 3/8 OSB at which the source complies with the CO emission limit herein. Following the initial stack test, the maximum hourly production rate at which the facility demonstrated compliance with the CO pound per hour limit shall be its maximum, not to be exceeded, allowable hourly production rate. Initially until the above maximum hourly production rate is determined, the maximum hourly production rate shall not exceed 54,794 square feet of OSB on a 3/8 inch basis except for periods of stack testing pursuant to a Department or EPA approved protocol.

Source owner shall submit a testing protocol, to the office issuing this permit, within 60 days of the anticipated test date. Upon approval of the testing protocol source owner shall perform the compliance testing in accordance with the protocol and submit a final stack test report within 60 days of test completion.

After the initial compliance test outlined above, the facility owner shall perform additional stack tests every 5 years to determine compliance with the CO pound per hour emission limit contained in this condition. If any



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compliance test demonstrates that CO emissions are greater than 90% of the pound per hour emission limit, contained in this condition, the facility owner shall perform a compliance test annually until the emissions of CO are demonstrated to be less than 90% of the pound per hour emission limit in this condition.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 18.32 pounds per hour

Reference Test Method: EPA RM 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 123: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 123.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 123.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC) from this emission point shall not exceed 9.19 pounds per hour.

Source owner shall determine compliance with this limit by performing a stack test following start-up of the facility. The stack test must occur at least sixty days from the date in which the facility reaches its maximum operating capacity but no later than 180 days after start-up. During the initial stack test for emission point S0007, the source owner will determine the maximum hourly production rate of 4' x 8' x 3/8 OSB at which the source complies with the VOC emission limit herein..

Following the initial stack test, the maximum hourly

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production rate at which the facility demonstrated compliance with the VOC pound per hour limit shall be its maximum, not to be exceeded, allowable hourly production rate. Initially until the above maximum hourly production rate is determined, the maximum hourly production rate shall not exceed 54,794 square feet of OSB on a 3/8 inch basis except for periods of stack testing pursuant to a Department or EPA approved protocol.

Source owner shall submit a testing protocol, to the office issuing this permit, within 60 days of the anticipated test date. Upon approval of the testing protocol source owner shall perform the compliance testing in accordance with the protocol and submit a final stack test report within 60 days of test completion.

After the initial compliance test outlined above, the facility owner shall perform additional stack tests every 5 years to determine compliance with the VOC pound per hour emission limit contained in this condition. If any compliance test demonstrates that VOC emissions are greater than 90% of the pound per hour emission limit, contained in this condition, the facility owner shall perform a compliance test annually until the emissions of VOC are demonstrated to be less than 90% of the pound per hour emission limit in this condition.

Parameter Monitored: VOC

Upper Permit Limit: 9.19 pounds per hour

Reference Test Method: EPA RM 18/25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 124: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 124.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):

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CAS No: 0NY075-00-5 PM-10

**Item 124.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Particulate Matter less than 10 microns in mean aerodynamic diameter ( PM-10) from this emission point shall not exceed 15.85 pounds per hour. Source owner shall determine compliance with this limit by performing a stack test following start-up of the facility. The stack test must occur at least sixty days from the date in which the facility reaches its maximum operating capacity but no later than 180 days after start-up. During the initial stack test for emission point S0007, the source owner will determine the maximum hourly production rate of 4' x 8' x 3/8 OSB at which the source complies with the PM-10 emission limit herein. Following the initial stack test, the maximum hourly production rate at which the facility demonstrated compliance with the PM-10 pound per hour limit shall be its maximum, not to be exceeded, allowable hourly production rate. Initially until the above maximum hourly production rate is determined, the maximum hourly production rate shall not exceed 54,794 square feet of OSB on a 3/8 inch basis except for periods of stack testing pursuant to a Department or EPA approved protocol.

Source owner shall submit a testing protocol, to the office issuing this permit, within 60 days of the anticipated test date. Upon approval of the testing protocol source owner shall perform the compliance testing in accordance with the protocol and submit a final stack test report within 60 days of test completion.

After the initial compliance test outlined above, the facility owner shall perform additional stack tests every 5 years to determine compliance with the PM-10 pound per hour emission limit contained in this condition. If any compliance test demonstrates that PM-10 emissions are greater than 90% of the pound per hour emission limit, contained in this condition, the facility owner shall perform a compliance test annually until the emissions of PM-10 are demonstrated to be less than 90% of the pound per hour emission limit in this condition.



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Parameter Monitored: PM-10  
Upper Permit Limit: 15.85 pounds per hour  
Reference Test Method: EPA RM 201A/202  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 125: Compliance Demonstration**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 125.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):  
CAS No: 007664-41-7 AMMONIA

**Item 125.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes  
Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:

Emissions of Ammonia from this emission point shall not exceed 5.0 pounds per hour. Source owner shall determine compliance with this limit by performing a stack test following start-up of the facility. The stack test must occur at least sixty days from the date in which the facility reaches its maximum operating capacity but no later than 180 days after start-up. During the initial stack test for emission point S0007, the source owner will determine the maximum hourly production rate of 4' x 8' x 3/8 OSB at which the source complies with the Ammonia emission limit herein. Following the initial stack test, the maximum hourly production rate at which the facility demonstrated compliance with the Ammonia pound per hour limit shall be its maximum, not to be exceeded, allowable hourly production rate. Initially until the above maximum hourly production rate is determined, the maximum hourly production rate shall not exceed 54,794 square feet of OSB on a 3/8 inch basis except for periods of stack testing

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pursuant to a Department or EPA approved protocol.

Source owner shall submit a testing protocol, to the office issuing this permit, within 60 days of the anticipated test date. Upon approval of the testing protocol source owner shall perform the compliance testing in accordance with the protocol and submit a final stack test report within 60 days of test completion.

After the initial compliance test outlined above, the facility owner shall perform additional stack tests every 5 years to determine compliance with the Ammonia pound per hour emission limit contained in this condition. If any compliance test demonstrates that Ammonia emissions are greater than 90% of the pound per hour emission limit, contained in this condition, the facility owner shall perform a compliance test annually until the emissions of Ammonia are demonstrated to be less than 90% of the pound per hour emission limit in this condition.

Parameter Monitored: AMMONIA

Upper Permit Limit: 5.0 pounds per hour

Reference Test Method: EPA CTM-027

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 126: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 126.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):

CAS No: 000067-56-1 METHYL ALCOHOL

**Item 126.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes



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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Methanol from this emission point shall not exceed 2.168 pounds per hour. This limit is based on the determination of Methanol to be a B-rated contaminant. Source owner shall determine compliance with this limit by performing a stack test following start-up of the facility. The stack test must occur at least sixty days from the date in which the facility reaches its maximum operating capacity but no later than 180 days after start-up. During the initial stack test for emission point S0007, the source owner will determine the maximum hourly production rate of 4' x 8' x 3/8 OSB at which the source complies with the Methanol emission limit herein. Following the initial stack test, the maximum hourly production rate at which the facility demonstrated compliance with the Methanol pound per hour limit shall be its maximum, not to be exceeded, allowable hourly production rate. Initially until the above maximum hourly production rate is determined, the maximum hourly production rate shall not exceed 54,794 square feet of OSB on a 3/8 inch basis except for periods of stack testing pursuant to a Department or EPA approved protocol.

Source owner shall submit a testing protocol, to the office issuing this permit, within 60 days of the anticipated test date. Upon approval of the testing protocol source owner shall perform the compliance testing in accordance with the protocol and submit a final stack test report within 60 days of test completion.

After the initial compliance test outlined above, the facility owner shall perform additional stack tests every 5 years to determine compliance with the Methanol pound per hour emission limit contained in this condition. If any compliance test demonstrates that Methanol emissions are greater than 90% of the pound per hour emission limit, contained in this condition, the facility owner shall perform a compliance test annually until the emissions of Methanol are demonstrated to be less than 90% of the pound per hour emission limit in this condition.

Parameter Monitored: METHYL ALCOHOL

Upper Permit Limit: 2.168 pounds per hour

Reference Test Method: SW 846 Method 0010

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



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**Facility DEC ID: 6405000071**

**DESCRIPTION**

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 127: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 127.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):

CAS No: 000108-95-2 PHENOL

**Item 127.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Phenol from this emission point shall not exceed 2.168 pounds per hour. This limit is based on the determination of Phenol to be a B-rated contaminant. Source owner shall determine compliance with this limit by performing a stack test following start-up of the facility. The stack test must occur at least sixty days from the date in which the facility reaches its maximum operating capacity but no later than 180 days after start-up. During the initial stack test for emission point S0007, the source owner will determine the maximum hourly production rate of 4' x 8' x 3/8 OSB at which the source complies with the Phenol emission limit herein. Following the initial stack test, the maximum hourly production rate at which the facility demonstrated compliance with the Phenol pound per hour limit shall be its maximum, not to be exceeded, allowable hourly production rate. Initially until the above maximum hourly production rate is determined, the maximum hourly production rate shall not exceed 54,794 square feet of OSB on a 3/8 inch basis except for periods of stack testing pursuant to a Department or EPA approved protocol.



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Source owner shall submit a testing protocol, to the office issuing this permit, within 60 days of the anticipated test date. Upon approval of the testing protocol source owner shall perform the compliance testing in accordance with the protocol and submit a final stack test report within 60 days of test completion.

After the initial compliance test outlined above, the facility owner shall perform additional stack tests every 5 years to determine compliance with the Phenol pound per hour emission limit contained in this condition. If any compliance test demonstrates that Phenol emissions are greater than 90% of the pound per hour emission limit, contained in this condition, the facility owner shall perform a compliance test annually until the emissions of Phenol are demonstrated to be less than 90% of the pound per hour emission limit in this condition.

Parameter Monitored: PHENOL

Upper Permit Limit: 2.168 pounds per hour

Reference Test Method: SW 846 Method 0010

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 128: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 128.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):

CAS No: 000050-00-0 FORMALDEHYDE

**Item 128.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Formaldehyde from this emission point shall



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not exceed 0.076 pounds per hour. This limit is based on the determination of Formaldehyde to be a A-rated contaminant thereby requiring 99% control. Source owner shall determine compliance with this limit by performing a stack test following start-up of the facility. The stack test must occur at least sixty days from the date in which the facility reaches its maximum operating capacity but no later than 180 days after start-up. During the initial stack test for emission point S0007, the source owner will determine the maximum hourly production rate of 4' x 8' x 3/8 OSB at which the source complies with the Formaldehyde emission limit herein. Following the initial stack test, the maximum hourly production rate at which the facility demonstrated compliance with the Formaldehyde pound per hour limit shall be its maximum, not to be exceeded, allowable hourly production rate. Initially until the above maximum hourly production rate is determined, the maximum hourly production rate shall not exceed 54,794 square feet of OSB on a 3/8 inch basis except for periods of stack testing pursuant to a Department or EPA approved protocol.

Source owner shall submit a testing protocol, to the office issuing this permit, within 60 days of the anticipated test date. Upon approval of the testing protocol source owner shall perform the compliance testing in accordance with the protocol and submit a final stack test report within 60 days of test completion.

After the initial compliance test outlined above, the facility owner shall perform additional stack tests every 5 years to determine compliance with the Formaldehyde pound per hour emission limit contained in this condition. If any compliance test demonstrates that Formaldehyde emissions are greater than 90% of the pound per hour emission limit, contained in this condition, the facility owner shall perform a compliance test annually until the emissions of Formaldehyde are demonstrated to be less than 90% of the pound per hour emission limit in this condition.

Parameter Monitored: FORMALDEHYDE

Upper Permit Limit: 0.076 pounds per hour

Reference Test Method: SW846-0011

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

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**METHOD INDICATED**

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 129: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 129.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):

CAS No: 000071-43-2 BENZENE

**Item 129.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Benzene from this emission point shall not exceed 0.0124 pounds per hour. This limit is based on the determination of Benzene to be a A-rated contaminant. Source owner shall determine compliance with this limit by performing a stack test following start-up of the facility. The stack test must occur at least sixty days from the date in which the facility reaches its maximum operating capacity but no later than 180 days after start-up. During the initial stack test for emission point S0007, the source owner will determine the maximum hourly production rate of 4' x 8' x 3/8 OSB at which the source complies with the Benzene emission limit herein. Following the initial stack test, the maximum hourly production rate at which the facility demonstrated compliance with the Benzene pound per hour limit shall be its maximum, not to be exceeded, allowable hourly production rate. Initially until the above maximum hourly production rate is determined, the maximum hourly production rate shall not exceed 54,794 square feet of OSB on a 3/8 inch basis except for periods of stack testing pursuant to a Department or EPA approved protocol.

Source owner shall submit a testing protocol, to the office issuing this permit, within 60 days of the



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anticipated test date. Upon approval of the testing protocol source owner shall perform the compliance testing in accordance with the protocol and submit a final stack test report within 60 days of test completion.

After the initial compliance test outlined above, the facility owner shall perform additional stack tests every 5 years to determine compliance with the Benzene pound per hour emission limit contained in this condition. If any compliance test demonstrates that Benzene emissions are greater than 90% of the pound per hour emission limit, contained in this condition, the facility owner shall perform a compliance test annually until the emissions of Benzene are demonstrated to be less than 90% of the pound per hour emission limit in this condition.

Parameter Monitored: BENZENE

Upper Permit Limit: 0.0124 pounds per hour

Reference Test Method: RM 18 or Equivalent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 130: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.13(a), NSPS Subpart A**

**Item 130.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

**Item 130.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For the purposes of this section, all continuous monitoring systems required under applicable subparts shall be subject to the provisions of this section upon promulgation of performance specifications for continuous monitoring systems under appendix B to this part and, if the continuous monitoring system is used to demonstrate compliance with emission limits on a continuous basis,



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appendix F to this part, unless otherwise specified in an applicable subpart or by the Administrator. Appendix F is applicable December 4, 1987.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 131: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.13(b), NSPS Subpart A**

**Item 131.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

**Item 131.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All continuous monitoring systems and monitoring devices shall be installed and operational prior to conducting performance tests under §60.8. Verification of operational status shall, as a minimum, include completion of the manufacturer's written requirements or recommendations for installation, operation, and calibration of the device.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 132: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.13(c), NSPS Subpart A**

**Item 132.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

**Item 132.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the owner or operator of an affected facility elects to submit continuous opacity monitoring system (COMS) data

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for compliance with the opacity standard as provided under §60.11(e)(5), he or she shall conduct a performance evaluation of the COMS as specified in Performance Specification 1, appendix B, of 40CFR 60 before the performance test required under §60.8 is conducted. Otherwise, the owner or operator of an affected facility shall conduct a performance evaluation of the COMS or continuous emission monitoring system (CEMS) during any performance test required under §60.8 or within 30 days thereafter in accordance with the applicable performance specification in appendix B of 40CFR 60. The owner or operator of an affected facility shall conduct COMS or CEMS performance evaluations at such other times as may be required by the Administrator under section 114 of the Act.

(1) The owner or operator of an affected facility using a COMS to determine opacity compliance during any performance test required under §60.8 and as described in §60.11(e)(5) shall furnish the Administrator two or, upon request, more copies of a written report of the results of the COMS performance evaluation described in 40CFR60.13(c) at least 10 days before the performance test required under §60.8 is conducted.

(2) Except as provided in paragraph 40CFR60.13(c)(1), the owner or operator of an affected facility shall furnish the Administrator within 60 days of completion two or, upon request, more copies of a written report of the results of the performance evaluation.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 133: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.13(d), NSPS Subpart A**

**Item 133.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

**Item 133.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators of all continuous emission



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monitoring systems installed in accordance with the provisions of this part shall check the zero (or low-level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts at least once daily in accordance with a written procedure. The zero and span shall, as a minimum, be adjusted whenever the 24-hour zero drift or 24-hour span drift exceeds two times the limits of the applicable performance specifications in appendix B. The system must allow the amount of excess zero and span drift measured at the 24-hour interval checks to be recorded and quantified, whenever specified. For continuous monitoring systems measuring opacity of emissions, the optical surfaces exposed to the effluent gases shall be cleaned prior to performing the zero and span drift adjustments except that for systems using automatic zero adjustments. The optical surfaces shall be cleaned when the cumulative automatic zero compensation exceeds 4 percent opacity.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 134: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.13(e), NSPS Subpart A**

**Item 134.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

**Item 134.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Except for system breakdowns, repairs, calibration checks, and zero and span adjustments required under 40CFR60.13(d), all continuous monitoring systems shall be in continuous operation and shall meet minimum frequency of operation requirements as follows:

- (1) All continuous monitoring systems referenced by 40CFR60.13(c) for measuring opacity of emissions shall complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive 6-minute period.
- (2) All continuous monitoring systems referenced by



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40CFR60.13(c) for measuring emissions, except opacity, shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 135: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.13(f), NSPS Subpart A**

**Item 135.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

**Item 135.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All continuous monitoring systems or monitoring devices shall be installed such that representative measurements of emissions or process parameters from the affected facility are obtained. Additional procedures for location of continuous monitoring systems contained in the applicable Performance Specifications of appendix B of this part shall be used.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 136: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.13(h), NSPS Subpart A**

**Item 136.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

**Item 136.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



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Owners or operators of all continuous monitoring systems for measurement of opacity shall reduce all data to 6-minute averages and for continuous monitoring systems other than opacity to 1-hour averages for time periods as defined in §60.2. Six-minute opacity averages shall be calculated from 36 or more data points equally spaced over each 6-minute period. For continuous monitoring systems other than opacity, 1-hour averages shall be computed from four or more data points equally spaced over each 1-hour period. Data recorded during periods of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments shall not be included in the data averages computed under this paragraph. An arithmetic or integrated average of all data may be used. The data may be recorded in reduced or nonreduced form (e.g., ppm pollutant and percent O<sub>2</sub> or ng/J of pollutant). All excess emissions shall be converted into units of the standard using the applicable conversion procedures specified in subparts. After conversion into units of the standard, the data may be rounded to the same number of significant digits as used in the applicable subparts to specify the emission limit.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 138: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.43b(c)(1), NSPS Subpart Db**

**Item 138.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 138.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

On and after the date on which the initial performance test is completed or is required to be completed under 40 CFR Part 60.8, whichever date comes first, no owner or operator of an affected facility that combusts wood, or



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wood with other fuels, except coal, shall cause to be discharged from that affected facility any gases that contain particulate matter in excess of the following emission limit:

- 43 ng/J (0.10 lb/million Btu) heat input if the affected facility has an annual capacity factor greater than 30 percent (0.30) for wood.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.1 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 139: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.43b(f), NSPS Subpart Db**

**Item 139.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 139.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6 minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)



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**Condition 140: Particulate matter and opacity exemption.**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.43b(g), NSPS Subpart Db**

**Item 140.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: S0007

**Item 140.2:**

The particulate matter and opacity standards shall apply at all times, except during periods of startup, shutdown, or malfunction.

**Condition 141: Compliance Determination - Particulate Matter and Opacity**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.46b(d), NSPS Subpart Db**

**Item 141.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: S0007

**Item 141.2:**

To determine compliance with the particulate matter emission limits and opacity limits under 40 CFR Part 60.43b, the owner or operator of an affected facility shall conduct an initial performance test as required under 40 CFR Part 60.8 using the following procedures and reference methods:

- (1) Method 3B is used for gas analysis when applying Method 5 or Method 17.
- (2) Method 5, Method 5B, or Method 17 shall be used to measure the concentration of particulate matter as follows:
  - (i) Method 5 shall be used at affected facilities without wet flue gas desulfurization (FGD) systems; and
  - (ii) Method 17 may be used at facilities with or without wet scrubber systems provided the stack gas temperature does not exceed a temperature of 160 °C (320 °F). The procedures of sections 2.1 and 2.3 of Method 5B may be used in Method 17 only if it is used after a wet FGD system. Do not use Method 17 after wet FGD systems if the effluent is saturated or laden with water droplets.
  - (iii) Method 5B is to be used only after wet FGD systems.
- (3) Method 1 is used to select the sampling site and the number of traverse sampling points. The sampling time for each run is at least 120 minutes and the minimum sampling volume is 1.7 dscm (60 dscf) except that smaller sampling times or volumes may be approved by the Administrator when necessitated by process variables or other factors.
- (4) For Method 5, the temperature of the sample gas in the probe and filter holder is monitored and is maintained at 160 °C (320 °F).
- (5) For determination of particulate matter emissions, the oxygen or carbon dioxide sample is obtained



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simultaneously with each run of Method 5, Method 5B or Method 17 by traversing the duct at the same sampling location.

(6) For each run using Method 5, Method 5B or Method 17, the emission rate expressed in nanograms per joule heat input is determined using:

- (i) The oxygen or carbon dioxide measurements and particulate matter measurements obtained under this section,
- (ii) The dry basis F factor, and
- (iii) The dry basis emission rate calculation procedure contained in Method 19 (appendix A).

(7) Method 9 is used for determining the opacity of stack emissions.

**Condition 142: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.48b(a), NSPS Subpart Db**

**Item 142.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 142.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall install, calibrate, maintain,  
and operate a continuous monitoring system for measuring  
the opacity of emissions discharged to the atmosphere and  
record the output of the system.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 143: Continuous Monitoring Systems**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.48b(e), NSPS Subpart Db**

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**Item 143.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: S0007

**Item 143.2:**

The procedures under 40 CFR Part 60.13 shall be followed for installation, evaluation, and operation of the continuous monitoring systems.

**Condition 144: Span Value for Continuous Opacity Monitors**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.48b(e)(1), NSPS Subpart Db**

**Item 144.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: S0007

**Item 144.2:**

For affected facilities combusting coal, wood or municipal-type solid waste, the span value for a continuous monitoring system for measuring opacity shall be between 60 and 80 percent.

**Condition 145: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.49b(a), NSPS Subpart Db**

**Item 145.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

**Item 145.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any



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fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,

(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 146: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.49b(b), NSPS Subpart Db**

**Item 146.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

**Item 146.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the sulfur dioxide, particulate matter, and/or nitrogen oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in appendix B.



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 137: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.49b(d), NSPS Subpart Db**

**Item 137.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):

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

**Item 137.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for each calendar quarter. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month.

The owner or operator is only permitted to burn the following substances as fuel for operation of the facility: natural gas, silviculture wood ( i.e., whole tree chips and bark ), and wood fuel derived from the facility's oriented strand board operation.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

**Condition 147: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.49b(f), NSPS Subpart Db**

**Item 147.1:**



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The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 147.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of opacity measurements made by the monitoring system required under 40CFR60.48b(a).

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 148: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.49b(h), NSPS Subpart Db**

**Item 148.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

**Item 148.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

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

**Condition 149: Records Retention**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.49b(o), NSPS Subpart Db**

**Item 149.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: S0007

**Item 149.2:**

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

**Condition 150: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.49b(s), NSPS Subpart Db**

**Item 150.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: S0007

**Item 150.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The reporting period for the reports required under 40 CFR Part 60 Subpart Db is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/13/2002 for the period 11/15/2001 through 05/14/2002

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**STATE ONLY ENFORCEABLE CONDITIONS**

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

**Condition 151: General Provisions**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 151.1:**

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

**Item 151.2:**

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

**Item 151.3:**

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

**Condition 152: Permit Exclusion Provisions**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 152.1:**

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR).

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



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contained in such order or modification thereof unless specifically intended by this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to pursue any claims for natural resource damages against the Applicant.

**Condition 153: Emission Unit Definition**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 153.1:**

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

Emission Unit: U-00001

Emission Unit Description:

OSB manufacturing process

Building(s): M

**Condition 154: Contaminant List**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 154.1:**

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

CAS No: 007664-41-7

Name: AMMONIA

CAS No: 000071-43-2

Name: BENZENE

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 000050-00-0

Name: FORMALDEHYDE

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CAS No: 0NY100-00-0

Name: HAP

CAS No: 000067-56-1

Name: METHYL ALCOHOL

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 000108-95-2

Name: PHENOL

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 0NY998-00-0

Name: VOC

**Condition 155: Air pollution prohibited**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 155.1:**

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.

**Condition 156: Fugitive Dust Control Plan**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 156.1:**

The facility shall suppress fugitive dust in accordance with their Fugitive Dust Control Plan. A copy of the Fugitive Dust Control Plan shall be maintained with the permit for this facility at all times.

**Condition 157: Compliance Demonstration**

**Effective between the dates of 11/15/2001 and Permit Expiration Date**



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**Applicable State Requirement: 6NYCRR 211.2**

**Item 157.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 157.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall establish a complaint response procedure to manage complaints related to air emissions from this facility. The procedure shall be designed to ensure that complaints from officials or neighbors are adequately received and documented, and that appropriate response is taken by the facility. The facility shall:

1. Have a complaint phone line available 24 hours a day, 7 days a week.
2. Investigate any possible causes of any complaint received.
3. Take prompt action to abate any circumstance which is found to be the cause of the complaint.
4. Fully document the complaint, results of investigation, and any action taken.
5. Report in a format acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 158: Absbetos containing surface coatings prohibited  
Effective between the dates of 11/15/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 221.2**

**Item 158.1:**

No person shall engage in or allow surface coating by the spraying of asbestos or asbestos-containing materials.

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

**Condition 159: Emission Point Definition By Emission Unit  
Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

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**Item 159.1:**

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

Emission Unit: U-00001

Emission Point: S0001

Height (ft.): 45                      Diameter (in.): 63  
NYTMN (km.): 4951.424    NYTME (km.): 466.128    Building: M

Emission Point: S0002

Height (ft.): 45                      Diameter (in.): 26  
NYTMN (km.): 4951.424    NYTME (km.): 466.128    Building: M

Emission Point: S0004

Height (ft.): 95                      Diameter (in.): 36  
NYTMN (km.): 4951.424    NYTME (km.): 466.128    Building: M

Emission Point: S0005

Height (ft.): 45                      Diameter (in.): 42  
NYTMN (km.): 4951.424    NYTME (km.): 466.128    Building: M

Emission Point: S0006

Height (ft.): 50                      Diameter (in.): 96  
NYTMN (km.): 4951.424    NYTME (km.): 466.128    Building: M

Emission Point: S0007

Height (ft.): 100                      Diameter (in.): 99  
NYTMN (km.): 4951.424    NYTME (km.): 466.128    Building: M

Emission Point: S0008

Height (ft.): 3                      Diameter (in.): 5  
Building: FP

Emission Point: S0009

Height (ft.): 3                      Diameter (in.): 5  
Building: FP

Emission Point: S0010

Height (ft.): 5                      Diameter (in.): 6  
Building: M

Emission Point: S0011

Height (ft.): 95                      Diameter (in.): 18  
Building: M

Emission Point: V0001



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Height (ft.): 15	Diameter (in.): 4	Building: M
Emission Point: V0002		
Height (ft.): 15	Diameter (in.): 4	Building: M
Emission Point: V0003		
Height (ft.): 15	Diameter (in.): 4	Building: M
Emission Point: V0004		
Height (ft.): 15	Diameter (in.): 4	Building: M

**Condition 160: Process Definition By Emission Unit**  
**Effective between the dates of 11/15/2001 and Permit Expiration Date**

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

**Item 160.1:**

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

Emission Unit: U-00001  
Process: OSB Source Classification Code: 3-07-007-04

**Process Description:**

Wood wafers are specially produced from logs and are blended with resins, waxes, and other additives to form a layered mat, similar in form and function to plywood.

Emission Source/Control: 0EBLR - Combustion  
Design Capacity: 30.2 million Btu per hour

Emission Source/Control: 0EFP1 - Combustion  
Design Capacity: 300 horsepower (mechanical)

Emission Source/Control: 0EFP2 - Combustion  
Design Capacity: 300 horsepower (mechanical)

Emission Source/Control: 0FBC1 - Combustion  
Design Capacity: 150 million Btu per hour

Emission Source/Control: 0FBC2 - Combustion  
Design Capacity: 150 million Btu per hour

Emission Source/Control: 0GAS1 - Combustion  
Design Capacity: 8,123 pounds per hour

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Emission Source/Control: 0GAS2 - Combustion  
Design Capacity: 8,123 pounds per hour

Emission Source/Control: 0GENE - Combustion  
Design Capacity: 405 kilowatts

Emission Source/Control: 0C001 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 0C002 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 0C004 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 0C005 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 0C006 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 0C007 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 0C008 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 0C009 - Control  
Control Type: AMMONIA INJECTION

Emission Source/Control: 0C010 - Control  
Control Type: AMMONIA INJECTION

Emission Source/Control: 0BIN1 - Process  
Design Capacity: 24,746 pounds per hour

Emission Source/Control: 0BIN2 - Process  
Design Capacity: 24,746 pounds per hour

Emission Source/Control: 0BIN3 - Process  
Design Capacity: 24,746 pounds per hour

Emission Source/Control: 0BIN4 - Process  
Design Capacity: 24,746 pounds per hour

Emission Source/Control: 0CON1 - Process

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Emission Source/Control: 0DEGR - Process  
Design Capacity: 55 gallons

Emission Source/Control: 0DRY1 - Process  
Design Capacity: 49,554 pounds per hour

Emission Source/Control: 0DRY2 - Process  
Design Capacity: 49,554 pounds per hour

Emission Source/Control: 0EDGE - Process  
Design Capacity: 20 gallons per hour

Emission Source/Control: 0FC01 - Process  
Design Capacity: 480,000,000 square feet per year

Emission Source/Control: 0FRM1 - Process  
Design Capacity: 480,000,000 square feet per year

Emission Source/Control: 0FSW1 - Process

Emission Source/Control: 0MRJ1 - Process  
Design Capacity: 480,000,000 square feet hours

Emission Source/Control: 0MTS1 - Process  
Design Capacity: 480,000,000 square feet per year

Emission Source/Control: 0PNE1 - Process  
Design Capacity: 480,000,000 square feet per year

Emission Source/Control: 0PNE2 - Process  
Design Capacity: 480,000,000 square feet per year

Emission Source/Control: 0PNE6 - Process  
Design Capacity: 480,000,000 square feet per year

Emission Source/Control: 0PRS1 - Process  
Design Capacity: 480,000,000 square feet per year

Emission Source/Control: 0SAN1 - Process  
Design Capacity: 480,000,000 square feet per year

Emission Source/Control: 0SCR1 - Process  
Design Capacity: 49,492 pounds per hour

Emission Source/Control: 0SCR2 - Process  
Design Capacity: 49,492 pounds per hour

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Emission Source/Control: 0SCR3 - Process  
Design Capacity: 24,746 pounds per hour

Emission Source/Control: 0SCR4 - Process  
Design Capacity: 24,746 pounds per hour

Emission Source/Control: 0STEN - Process  
Design Capacity: 1.2 gallons per day

Emission Source/Control: 0STMP - Process  
Design Capacity: 1.68 gallons per day

Emission Source/Control: 0TAG1 - Process  
Design Capacity: 480,000,000 square feet per year

Emission Source/Control: 0TNK1 - Process  
Design Capacity: 9,950 gallons

Emission Source/Control: 0TNK2 - Process  
Design Capacity: 9,950 gallons

Emission Source/Control: 0TNK3 - Process  
Design Capacity: 9,950 gallons

Emission Source/Control: 0TNK4 - Process  
Design Capacity: 9,950 gallons

Emission Source/Control: 0TSW1 - Process  
Design Capacity: 480,000,000 square feet per year

Emission Source/Control: 0WDYD - Process  
Design Capacity: 9.63 loads