

**New York State Department of Environmental Conservation  
Facility DEC ID: 5163400043**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 5-1634-00043/00001  
Effective Date: 06/13/2000                      Expiration Date: No expiration date

Permit Type: Freshwater Wetlands  
Permit ID: 5-1634-00043/00003  
Effective Date: 06/12/2000 Expiration Date: 05/13/2001

Permit Type: Water Quality Certification  
Permit ID: 5-1634-00043/00007  
Effective Date: 06/12/2000                      Expiration Date: No expiration date

Permit Issued To: OSB CHATEAUGAY LLC  
7063 STATE RTE 374  
CHATEAUGAY, NY 12920

Contact: JOHN H DOWD  
OSB CHATEAUGAY, LLC  
7063 STATE ROUTE 374  
CHATEAUGAY, NY 12920  
(518) 497-1309

Facility: OSB CHATEAUGAY LLC PROPERTY  
7063 STATE RTE 374  
CHATEAUGAY, NY 12920

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: CHARLES F GARDEPHE  
ROUTE 86  
PO BOX 296  
RAY BROOK, NY 12977-0296

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 5  
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 5 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 5 Headquarters  
Division of Environmental Permits  
Route 86, PO Box 296  
Ray Brook, NY 12977-0296  
(518) 897-1234



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

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

**IDENTIFICATION INFORMATION**

Permit Issued To: OSB CHATEAUGAY LLC  
7063 STATE RTE 374  
CHATEAUGAY, NY 12920

Facility: OSB CHATEAUGAY LLC PROPERTY  
7063 STATE RTE 374  
CHATEAUGAY, NY 12920

Authorized Activity By Standard Industrial Classification Code:  
2493 - RECONSTITUTED WOOD PRODUCTS

Permit Effective Date: 06/13/2000

Permit Expiration Date: No expiration date.



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6NYCRR 200.5: Sealing
- 2 6NYCRR 200.6: Acceptable ambient air quality
- 3 6NYCRR 200.7: Maintenance of equipment
- 4 6NYCRR 201-1.2: Unpermitted Emission Sources
- 5 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 6 6NYCRR 201-1.5: Emergency Defense
- 7 6NYCRR 201-1.7: Recycling and Salvage
- 8 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the Air
- 9 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 10 6NYCRR 201-3.2(a): Proof of Eligibility
- 11 6NYCRR 201-3.3(a): Proof of Eligibility
- 12 6NYCRR 201-6.1(b)(1): Compliance Demonstration
- 13 6NYCRR 201-7.2(e): Compliance Demonstration
- 14 6NYCRR 202-1.1: Required emissions tests
- 15 6NYCRR 202-2.1: Compliance Demonstration
- 16 6NYCRR 211.3: Visible emissions limited.
- 17 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 18 6NYCRR 231-2.2(b)(1): Notification/Reporting requirements
- 19 6NYCRR 231-2.2(b)(1): Facility Permissible Emissions
- \*20 6NYCRR 231-2.2(b)(1): Compliance Demonstration
- 21 6NYCRR 231-2.2(b)(1): Compliance Demonstration
- \*22 6NYCRR 231-2.2(b)(1): Compliance Demonstration
- 23 40CFR 52.21(i)(1), Subpart A: Facility Permissible Emissions
- \*24 40CFR 52.21(i)(1), Subpart A: Compliance Demonstration
- \*25 40CFR 52.21(i)(1), Subpart A: Compliance Demonstration
- 26 40CFR 63.40, Subpart B: Facility Permissible Emissions
- \*27 40CFR 63.40, Subpart B: Compliance Demonstration
- \*28 40CFR 63.40, Subpart B: Compliance Demonstration
- \*29 40CFR 63.40, Subpart B: Compliance Demonstration

**Emission Unit Level**

**EU=U-CONVY**

- 30 6NYCRR 212.4(c): Compliance Demonstration
- 31 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-DRYER**

- 32 40CFR 60.7, NSPS Subpart A: Compliance Demonstration

**EU=U-DRYER,Proc=DR1**

- 33 6NYCRR 212.4(c): Compliance Demonstration



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34 6NYCRR 212.11(b): Compliance Demonstration

**EU=U-DRYER,Proc=DR2**

35 40CFR 60.43b(c)(1), NSPS Subpart Db: Compliance Demonstration

36 40CFR 60.48b(a), NSPS Subpart Db: Compliance Demonstration

37 40CFR 60.49b(d), NSPS Subpart Db: Compliance Demonstration

**EU=U-DRYER,Proc=DR3**

38 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration

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

39 6NYCRR 212.4(a): Compliance Demonstration

40 6NYCRR 212.6(a): Compliance Demonstration

41 6NYCRR 231-2.2(b)(1): Compliance Demonstration

42 6NYCRR 231-2.2(b)(1): Compliance Demonstration

**EU=U-DRYER,EP=00007**

43 6NYCRR 227-1.3(a): Compliance Demonstration

44 6NYCRR 231-2.2(b)(1): Compliance Demonstration

**EU=U-ENGIN**

45 6NYCRR 200.6: Compliance Demonstration

46 6NYCRR 227-1.3(a): Compliance Demonstration

47 6NYCRR 231-2.2(b)(1): Compliance Demonstration

**EU=U-PRESS**

48 6NYCRR 212.4(a): Compliance Demonstration

49 6NYCRR 212.4(c): Compliance Demonstration

50 6NYCRR 212.6(a): Compliance Demonstration

51 6NYCRR 212.11(b): Compliance Demonstration

52 6NYCRR 231-2.2(b)(1): Compliance Demonstration

**EU=U-STORE**

53 6NYCRR 211.3: Compliance Demonstration

54 40CFR 60.116b(b), NSPS Subpart Kb: Records of the dimension and capacity of storage vessels

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

55 6NYCRR 201-5: General Provisions

56 6NYCRR 201-5: Emission Unit Definition

57 6NYCRR 201-5.3(b): Contaminant List

58 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

59 6NYCRR 201-5: Emission Point Definition By Emission Unit

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60 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.



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**FEDERALLY ENFORCEABLE CONDITIONS**

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

**Condition 1: Sealing**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.5**

**Item 1.1:**

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

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

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

**Condition 2: Acceptable ambient air quality**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 2.1:**

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

**Condition 3: Maintenance of equipment**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 3.1:**

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



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**Condition 4: Unpermitted Emission Sources**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 4.1:**

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

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

**Condition 5: Unavoidable Noncompliance and Violations**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 5.1:**

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

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit or certificate issued for the corresponding air contamination source. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.
- (b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate



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of the emission rates.

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

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

**Condition 6: Emergency Defense**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 6.1:**

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

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

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

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

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

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

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

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

**Condition 7: Recycling and Salvage**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 7.1:**

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

**Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 8.1:**

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

**Condition 9: Public Access to Recordkeeping**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 9.1:**

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 10: Proof of Eligibility**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 10.1:**

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

**Condition 11: Proof of Eligibility**



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**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 11.1:**

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

**Condition 12: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6.1(b)(1)**

**Item 12.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 12.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall submit to the Department a complete application for a Title V facility permit within one year of the commencement of facility operation. For the purposes of this requirement, the date of commencement of facility operation shall be the date reported under 40CFR60.7(a)(3).

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 13: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 13.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 13.2:**

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall submit a report annually which certifies compliance with the facility emission caps contained in this permit. The report must include a summary of monthly facility emissions in pounds and the twelve month rolling totals for each month in tons per year. The report shall also include a comparison of actual emissions to the applicable emission caps.

Any exceedances of the annual emission caps must be reported to the Department in writing within 30 days of occurrence.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

**Condition 14: Required emissions tests**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 14.1:**

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 15: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 15.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 15.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April



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15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

**Condition 16: Visible emissions limited.**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 16.1:**

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

**Condition 17: Open Fires Prohibited at Industrial and Commercial Sites**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 215**

**Item 17.1:**

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 18: Notification/Reporting requirements**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 231-2.2(b)(1)**

**Item 18.1:**

At least sixty (60) days prior to the commencement of operation of the facility, the facility must notify the DEC Regional office of any change in the list of offset sources identified in this permit to allow for the Department to provide public notice for the changes. For each change in offset source, the facility must submit the following:

- (a) A "Use of ERC Form" duly signed by authorized representatives of the facility and the new offset source.
- (b) A letter signed by authorized representatives of the facility and the old offset source, requesting that their ERC transfer transaction through the old "Use of ERCs Form" or an options contract be considered null and void.

**Item 18.2:**

The facility shall submit to the DEC Regional office a letter of confirmation that each emission reduction used to provide emission offsets for this facility has physically occurred. This letter should be submitted within 30 working days, but not less than 10 working days, prior to the facility's start-up date. This



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letter shall also serve as notification of the facility's start-up date.

**Item 18.3:**

This permit shall be subject to revocation if construction is not commenced within 18 months from the date of issuance of such permit or if construction is discontinued for a period of 18 months or more (excluding any period of time that the permit is subject to challenge in State or Federal court), or if construction is not completed within a reasonable time acceptable to the Department.

**Condition 19: Facility Permissible Emissions**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 231-2.2(b)(1)**

**Item 19.1:**

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: 306,000 pounds per year  
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0                      PTE: 98,000 pounds per year  
Name: VOC

**Condition 20: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 231-2.2(b)(1)**

**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  
Monitoring Description:  
Facility-wide emissions of VOCs shall not exceed 49 tons per year (98,000 lbs/yr) as determined by summing monthly VOC emissions during any consecutive 12-month period.



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Records shall be maintained on-site which demonstrate compliance with the VOC emission cap. These records shall include the mass emissions totaled over each month, the total mass emissions over each rolling 12-month period beginning with the startup of the facility, production and operating records, and emission factors used in calculating emissions. Emission factors are subject to the approval of the Department.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 21: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 231-2.2(b)(1)**

**Item 21.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 21.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

OSB Chateaugay, LLC has obtained 176 tons per year of NO<sub>x</sub> offsets from the Canton Cogeneration Project - River Power Machinery, LLC (Megan-Racine), DEC ID: 6-4022-00021, Emission Point ID: 00001.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 22: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 231-2.2(b)(1)**

**Item 22.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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



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**Item 22.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility-wide emissions of NO<sub>x</sub> shall not exceed 153 tons per year (306,000 lbs/yr) as determined by summing monthly NO<sub>x</sub> emissions during any consecutive 12-month period.

Records shall be maintained on-site which demonstrate compliance with the NO<sub>x</sub> emission cap. These records shall include the mass emissions totaled over each month, the total mass emissions over each rolling 12-month period beginning with the startup of the facility, production and operating records, CEM data and emission factors used in calculating emissions. Emission factors are subject to the approval of the Department.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 23: Facility Permissible Emissions**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21(i)(1), Subpart A**

**Item 23.1:**

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: 0NY075-00-0                      PTE: 498,000 pounds per year  
Name: PARTICULATES

CAS No: 0NY075-00-5                      PTE: 498,000 pounds per year  
Name: PM-10

**Condition 24: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21(i)(1), Subpart A**

**Item 24.1:**

The Compliance Demonstration activity will be performed for the Facility.

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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-wide emissions of PM-10 shall not exceed 249 tons per year (498,000 lbs/yr) as determined by summing monthly PM-10 emissions during any consecutive 12-month period.

Records shall be maintained on-site which demonstrate compliance with the PM-10 emission cap. These records shall include the mass emissions totaled over each month, the total mass emissions over each rolling 12-month period beginning with the startup of the facility, production and operating records, and emission factors used in calculating emissions. Emission factors are subject to the approval of the Department.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 25: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21(i)(1), Subpart A**

**Item 25.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 25.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility-wide emissions of Particulates shall not exceed 249 tons per year (498,000 lbs/yr) as determined by summing monthly Particulate emissions during any

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consecutive 12-month period.

Records shall be maintained on-site which demonstrate compliance with the Particulate emission cap. These records shall include the mass emissions totaled over each month, the total mass emissions over each rolling 12-month period beginning with the startup of the facility, production and operating records, and emission factors used in calculating emissions. Emission factors are subject to the approval of the Department.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 26: Facility Permissible Emissions**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.40, Subpart B**

**Item 26.1:**

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: 000050-00-0                      PTE: 18,000 pounds per year  
Name: FORMALDEHYDE

CAS No: 000108-95-2                      PTE: 18,000 pounds per year  
Name: PHENOL

CAS No: 0NY100-00-0                      PTE: 48,000 pounds per year  
Name: HAP

**Condition 27: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.40, Subpart B**

**Item 27.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 000050-00-0      FORMALDEHYDE

**Item 27.2:**

Compliance Demonstration shall include the following monitoring:



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Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility-wide emissions of Formaldehyde shall not exceed 9 tons per year (18,000 lbs/yr) as determined by summing monthly Formaldehyde emissions during any consecutive 12-month period.

Records shall be maintained on-site which demonstrate compliance with the Formaldehyde emission cap. These records shall include the mass emissions totaled over each month, the total mass emissions over each rolling 12-month period beginning with the startup of the facility, production and operating records, and emission factors used in calculating emissions. Emission factors are subject to the approval of the Department.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 28: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.40, Subpart B**

**Item 28.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 28.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility-wide emissions of total Hazardous Air Pollutants (HAPs) shall not exceed 24 tons per year (48,000 lbs/yr) as determined by summing monthly total HAP emissions during any consecutive 12-month period.

Records shall be maintained on-site which demonstrate compliance with the HAP emission cap. These records shall include the mass emissions totaled over each month, the total mass emissions over each rolling 12-month period



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beginning with the startup of the facility, production and operating records, and emission factors used in calculating emissions. Emission factors are subject to the approval of the Department.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 29: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.40, Subpart B**

**Item 29.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000108-95-2 PHENOL

**Item 29.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility-wide emissions of Phenol shall not exceed 9 tons per year (18,000 lbs/yr) as determined by summing monthly Phenol emissions during any consecutive 12-month period.

Records shall be maintained on-site which demonstrate compliance with the Phenol emission cap. These records shall include the mass emissions totaled over each month, the total mass emissions over each rolling 12-month period beginning with the startup of the facility, production and operating records, and emission factors used in calculating emissions. Emission factors are subject to the approval of the Department.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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

**Condition 30: Compliance Demonstration**



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**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 30.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CONVY

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 30.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emissions from each emission point in this emission unit shall not exceed 0.050 grains per dry standard cubic foot of exhaust gas. An emission test which demonstrates compliance with this limit shall be performed on a representative unit within 180 days of facility startup. Emission testing shall be conducted in accordance with 6NYCRR Subpart 202-1.

Baghouse differential pressure shall be used as a surrogate for particulate emissions and opacity. The pressure drop across each baghouse in this emission unit shall be continuously monitored at all times the associated process equipment is operating, except during any quality assurance and routine maintenance activities. The pressure drop across each baghouse shall be read and recorded in a log at least once per shift. The baghouses must be operated and maintained in accordance with the manufacturer's specifications at all times.

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: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 31: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 31.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-CONVY

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 31.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Opacity from each emission point in this emission unit shall not equal or exceed 20% (6-minute average). Visible emissions from each source shall be checked once daily by plant personnel during process operation. Any abnormal visible emissions shall prompt corrective action. Daily records of observations and any corrective actions taken shall be maintained on site and reported to the Department upon request. 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: 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 32: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 32.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRYER

**Item 32.2:**

Compliance Demonstration shall include the following monitoring:



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall submit the required initial notifications for the wood-fired heat sources and the auxilliary gas burner, in accordance with 60.49b(a) and 60.48c(a) respectively.

The permittee shall also submit the performance test data from the initial performance test for the wood-fired heat source, as well as the performance evaluation of the CEMS in accordance with 60.8 and 60.49b(b).

The permittee shall submit excess emission reports for the wood-fired heat source in accordance with 60.49b(h). The excess emission reports required under 60.49b(h) may be incorporated into the CEM quarterly reports required by this permit.

All correspondence required under this condition must be submitted to both the USEPA and the Department at the following addresses:

Chief, New York Compliance Section  
U.S. Environmental Protection Agency  
Air Compliance Branch  
290 Broadway - 21st Floor  
New York, NY 10007-1886

Regional Air Pollution Control Engineer  
NYS Department of Environmental Conservation  
232 Hudson Street  
Warrensburg, NY 12885

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 33: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 33.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRYER  
Process: DR1

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Regulated Contaminant(s):

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**Item 33.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emissions from the dryer exhaust (emission point 00001) shall not exceed 0.050 grains per dry standard cubic foot of exhaust gas. An emission test which demonstrates compliance with this limit shall be performed within 180 days of facility startup. Emission testing shall be conducted in accordance with 6NYCRR Subpart 202-1.

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA METHOD 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 34: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.11(b)**

**Item 34.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRYER

Process: DR1

**Item 34.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall install permanent monitors and continuous data recorders to measure the exhaust gas temperature at emission point 00001 and the combustion chamber temperature of the regenerative thermal oxidizer (RTO). The RTO shall be operated at or above the combustion chamber temperature established during the initial compliance testing.

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The permittee shall install permanent monitors to measure the following parameters on both wet electrostatic precipitators (WESPs): volts, amps, sparking rates for all fields, inlet and outlet temperatures. These WESP parameters shall be read and recorded in a log on an hourly basis.

The continuous monitors must be operated at all times the dryers are operating, except during any quality assurance and routine maintenance activities.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 35: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 35.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRYER

Process: DR2

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 35.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emissions from the heat source exhaust (emission point 00001) shall not exceed 0.1 pounds per million Btu heat input. Within 60 days after achieving the maximum heat source production rate, but not later than 180 days after initial startup, an initial performance test shall be conducted which demonstrates compliance with the particulate emission limit. Emission testing shall be conducted in accordance with 40CFR60.46b(d) and 6NYCRR Subpart 202-1.

Per 60.43b(f), the particulate matter standard applies at all times, except during periods of startup, shutdown or

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malfunction.

Upper Permit Limit: 0.1 pounds per million Btus

Reference Test Method: Per 40CFR60.46b(d)

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 36: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 36.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRYER

Process: DR2

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 36.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The permittee shall install, calibrate, maintain and operate a continuous monitoring system for measuring the opacity of emissions discharged from emission point 00001 and record the output of the system.

The procedures under 40CFR60.13 shall be followed for installation, evaluation and operation of the continuous monitoring system.

The opacity standard applies at all times, except during periods of startup, shutdown or malfunction.

Manufacturer Name/Model Number: to be determined

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA P.S. 1

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR)



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Reports due 30 days after the reporting period.  
The initial report is due 7/30/2000.  
Subsequent reports are due every 3 calendar month(s).

**Condition 37: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 37.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRYER  
Process: DR2

**Item 37.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall record and maintain records of the  
amount of wood combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 38: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 38.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRYER  
Process: DR3

**Item 38.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall record and maintain records of the  
amount of propane and/or natural gas combusted during each  
day.

Monitoring Frequency: DAILY



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Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 39: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 39.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRYER Emission Point: 00001

Regulated Contaminant(s):

CAS No: 000050-00-0 FORMALDEHYDE

**Item 39.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Formaldehyde from emission point 00001 shall not exceed 1.1 pounds per hour (BACT). Formaldehyde emissions from the dryers' exhaust shall be controlled through regenerative thermal oxidation, which constitutes Best Available Control Technology (BACT). An emission test which demonstrates compliance with the emission limit shall be performed within 180 days of facility startup. Emission testing shall be conducted in accordance with 6NYCRR Subpart 202-1.

Upper Permit Limit: 1.1 pounds per hour

Reference Test Method: EPA TO-5 or equiv

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 40: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 40.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRYER Emission Point: 00001



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Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 40.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Opacity from emission point 00001 shall not equal or exceed 20% (6-minute average). Compliance shall be determined by continuously monitoring and recording opacity with a COMS, in accordance with 40CFR60, Subpart Db.

Manufacturer Name/Model Number: to be determined

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Meth 9 / P.S. 1

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2000.

Subsequent reports are due every 3 calendar month(s).

**Condition 41: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 231-2.2(b)(1)**

**Item 41.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRYER Emission Point: 00001

**Item 41.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

a) The CEM system must be operated whenever the wood-fired heat source(s) are in operation, except during quality control checks or routine maintenance. The permittee must continuously calculate and record the emission rates (in lb/hr) of NO<sub>x</sub> in one hour block averages, 24-hr block daily arithmetic averages and 30-day averages rolled daily. The opacity shall be recorded in

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six minute averages.

b) Not less than 90 days prior to the installation of the CEM system, the permittee shall submit to the Department a Monitoring Plan for the CEM system. This plan must include a description of the CEM equipment, the design specifications and all other information as described in Section 3 of the Department's CEM Air Guide.

c) The installation and performance testing of the system must be in accordance with 40CFR60, Appendix B. All performance testing must take place within 90 days of the installation of the CEM system. The CEM system and all individual monitors shall meet the specifications found in 40CFR60, Appendix B.

d) Not less than 60 days prior to testing, the permittee shall submit to the Department a CEM Performance Test Protocol.

e) The permittee must notify the Department at least 30 days in advance of the CEM performance test date. The testing shall be no later than 60 days after the facility submits the protocol. This requirement can be waived by the Department under extenuating circumstances.

f) The permittee shall submit a CEM Certification Test Report to the Department within 30 days after the completion of the performance test. This report may be subject to the review and approval of the Department.

g) Within 90 days of submittal of the CEM Certification Test Report, the permittee shall submit a CEM Quality Assurance Plan to the Department. This plan should include a description of how the facility will carry out the quality assurance procedures required by 40CFR60, Appendix F and 40CFR51, Appendix M (opacity), as well as all other information as described in Section 8 of the Department's CEM Air Guide.

h) The permittee shall perform all quality assurance procedures required by 40CFR60, Appendix F and 40CFR51, Appendix M (also described in Section 9 of the Department's CEM Air Guide). Corrective actions must be taken if the system or any individual monitor fails to meet the specifications found in those appendices.

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i) The permittee shall submit a written report to the Department on a calendar year quarter. All quarterly reports shall be postmarked by the 30th day following the end of each calendar quarter and should include:

- a summary of all emission limit violations,
- a summary of CEM operations, including downtime and out-of-control periods,
- a summary of the quarterly audit results,
- descriptions of any significant changes in the process, control equipment or CEM system.

For the purposes of this permit, excess emissions indicated by the CEM system for NO<sub>x</sub> or opacity, other than startups, shutdowns and malfunctions, are considered violations of the applicable emission limits. The quarterly report shall be in the format given in Section 10 of the Department's CEM Air Guide. Equivalent formats may be accepted subject to the review and approval of the Department.

j) The permittee shall maintain a file of all measurements, daily zero and span checks, CEM system performance evaluations and repairs and maintenance of the system for a period of at least five years from the date of occurrence. These records must be made available for inspection by Department personnel.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 42: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 231-2.2(b)(1)**

**Item 42.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRYER Emission Point: 00001

Regulated Contaminant(s):

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

**Item 42.2:**

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Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOx emissions from the heat source/dryer exhaust (emission point 00001) shall not exceed 30.4 lbs/hr. Compliance with this emission limit shall be determined on a 24-hour block daily average in accordance with the provisions of paragraph 227-2.6(a)(1). From October 1 to April 30, the non-ozone season, a 30-day rolling average may be used to demonstrate compliance in lieu of the 24-hour average. The permittee shall install, calibrate, maintain and operate a continuous emission monitoring system (CEMS) to continuously measure and record the NOx emission rate from emission point 00001. The emission limit applies at all times except during periods of startup, shutdown or malfunction.

Emission testing to demonstrate compliance with the mass emission rate shall be conducted within 180 days of facility startup. Testing shall be conducted in accordance with 6NYCRR Subpart 202-1.

A log of equipment maintenance and outages shall be maintained on site and reported to the Department upon request.

In order to comply with the Lowest Achievable Emission Rate (LAER) requirement for NOx, the RTO shall be operated only with direct fuel injection, supplemented by low-NOx burners for use during startup. This technology shall be employed at all times the dryer(s) are on-line. In addition, the wood-fired heat sources shall be equipped with selective non-catalytic reduction (SNCR). This technology shall be employed at all times the heat sources are on-line.

Manufacturer Name/Model Number: to be determined

Upper Permit Limit: 30.4 pounds per hour

Reference Test Method: EPA P.S. 2

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2000.

Subsequent reports are due every 3 calendar month(s).

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**Condition 43: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 43.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRYER Emission Point: 00007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 43.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Opacity from emission point 00007 shall not exceed 20% (6-minute average), except for one 6-minute period per hour of not more than 27% opacity. The auxilliary burner shall fire only natural gas or propane. 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: 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 44: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 231-2.2(b)(1)**

**Item 44.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRYER Emission Point: 00007

Regulated Contaminant(s):

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

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**Item 44.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emissions from the auxilliary burner exhaust shall not exceed 0.04 lbs/mmBtu heat input (LAER). In order to comply with the Lowest Achievable Emission Rate (LAER) requirement for NOx, a low-NOx burner shall be employed as the auxilliary burner.

Emission testing to demonstrate compliance with LAER shall be conducted within 180 days of facility startup. Testing shall be conducted in accordance with 6NYCRR Subpart 202-1.

Upper Permit Limit: 0.04 pounds per million Btus

Reference Test Method: EPA Meth 7 or equiv

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 45: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 45.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-ENGIN

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 45.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The sulfur content of the distillate fuel oil (diesel) shall not exceed 0.2% by weight. The fuel sulfur content shall verified by the fuel supplier certification with

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each shipment of fuel.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.2 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 46: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 46.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-ENGIN

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 46.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Opacity from this emission unit shall not exceed 20% (6-minute average), except for one 6-minute period per hour of not more than 27% opacity. During engine operation, visible emissions from each engine exhaust point shall be checked once daily by plant personnel. Any abnormal visible emissions shall prompt corrective action.

Daily records of observations and any corrective actions taken shall be maintained on site and reported to the Department upon request. 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: EPA METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)



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Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 47: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 231-2.2(b)(1)**

**Item 47.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-ENGIN

Regulated Contaminant(s):

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

**Item 47.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In order to comply with the Lowest Achievable Emission Rate (LAER) requirement for NO<sub>x</sub>, the two 400 KW emergency engine/generator sets shall operate only with the use of electronic ignition timing retard and turbochargers with aftercoolers. In addition, the operation of each engine shall not exceed 500 hours per year on a 12-month rolling total basis.

In order to comply with the Lowest Achievable Emission Rate (LAER) requirement for NO<sub>x</sub>, the 208 hp firewater pump engine shall operate only with the use of a turbocharger and aftercooler. In addition, the operation of the firewater pump engine shall not exceed 500 hours per year on a 12-month rolling total basis.

Equipment specifications, logs of operating hours and maintenance shall be maintained on-site and reported to the Department upon request. The operating log shall include the monthly hours of operation for each engine as well as the respective 12-month rolling totals for that month.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 48: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 48.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-PRESS

Regulated Contaminant(s):

CAS No: 000050-00-0 FORMALDEHYDE

**Item 48.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Formaldehyde from emission point 00002 shall not exceed 0.89 pounds per hour (BACT). Formaldehyde emissions from the hot press shall be controlled through catalytic oxidation, which constitutes Best Available Control Technology (BACT). An emission test which demonstrates compliance with the emission limit shall be performed within 180 days of facility startup. Emission testing shall be conducted in accordance with 6NYCRR Subpart 202-1.

Upper Permit Limit: 0.89 pounds per hour

Reference Test Method: EPA TO-5 or equiv

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 49: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 49.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-PRESS

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 49.2:**

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Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emissions from the press exhaust shall not exceed 0.050 grains per dry standard cubic foot of exhaust gas. An emission test which demonstrates compliance with this limit shall be performed within 180 days of facility startup. Emission testing shall be conducted in accordance with 6NYCRR Subpart 202-1.

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA METHOD 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 50: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 50.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-PRESS

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 50.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Opacity from each emission point in this emission unit shall not equal or exceed 20% (6-minute average). Visible emissions from each source shall be checked once daily by plant personnel. Any abnormal visible emissions shall prompt corrective action. Daily records of observations and any corrective actions taken shall be maintained on site and reported to the Department upon request. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.



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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 51: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.11(b)**

**Item 51.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-PRESS

**Item 51.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

The permittee shall install permanent thermocouples and continuous data recorders to monitor the catalyst inlet temperature and the temperature rise across the catalytic oxidizer bed. The continuous monitors must be operated at all times the press is operating, except during any quality assurance and routine maintenance activities. The catalytic oxidizer shall be operated at or above the catalyst inlet temperature established during the initial compliance testing.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 52: Compliance Demonstration**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 231-2.2(b)(1)**

**Item 52.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-PRESS

Regulated Contaminant(s):



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

**Item 52.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emissions from the press catalytic oxidizer shall not exceed 5 ppmv (LAER). In order to comply with the Lowest Achievable Emission Rate (LAER) requirement for NOx, the press catalytic oxidizer shall be operated only with direct fuel injection, supplemented by low-NOx burners for use during startup. This technology shall be employed at all times the press is on-line. A log of maintenance and outages shall be maintained on site and reported to the Department upon request. The emission limit applies at all times except during periods of startup, shutdown or malfunction.

Emission testing to demonstrate compliance with LAER shall be conducted within 180 days of facility startup. Testing shall be conducted in accordance with 6NYCRR Subpart 202-1.

Upper Permit Limit: 5 parts per million (by volume)

Reference Test Method: EPA Method 7

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 53: Compliance Demonstration**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 53.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-STORE

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 53.2:**

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Plant roadways and stockpiles must be watered and/or treated with an approved dust suppressant, as appropriate, and speed limited to preclude emissions of fugitive dust in excess of 20% opacity (six-minute average, except for one continuous six minute period per hour of not more than 57% opacity). No waste oil is to be used for fugitive dust control.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 54: Records of the dimension and capacity of storage vessels  
Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.116b(b), NSPS Subpart Kb**

**Item 54.1:**

This Condition applies to Emission Unit: U-STORE

**Item 54.2:**

The owner or operator of each storage vessel, as specified in 40CFR60.110b(a), shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the storage vessel.

Each storage vessel with a design capacity less than 75 cubic meters is subject to no provision of 40CFR60 Subpart Kb other than those required by the above paragraph.

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**STATE ONLY ENFORCEABLE CONDITIONS**

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

**Condition 55: General Provisions**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 55.1:**

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 55.2:**

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 55.3:**

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 56: Emission Unit Definition**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 56.1:**

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

Emission Unit: U-CONVY

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF THE PLANT PNEUMATIC CONVEYING SYSTEMS. WOOD DUST FROM THE FORMING AND BLENDING LINE, DRY BINS, SCREENING SYSTEM, SANDERS AND 1ST & 2ND PASS SAWS IS PNEUMATICALLY CONVEYED TO FOUR DEDICATED DUST COLLECTION SYSTEMS. THE DUST COLLECTION SYSTEMS USE CYCLONES AND BAGHOUSE FABRIC FILTERS TO CONTROL

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**PARTICULATE EMISSIONS.**

Building(s): PLANT

**Item 56.2:**

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

Emission Unit: U-DRYER

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF TWO SINGLE-PASS ROTARY DRUM DRYERS, THE DRYERS' HEAT SOURCES, AND AIR POLLUTION CONTROL EQUIPMENT. WOOD STRANDS ARE DRIED IN THE DRYERS FROM ABOUT 45-55% MOISTURE TO 2-3% MOISTURE. THE DIRECT FIRED DRYERS' HEAT IS SUPPLIED BY THE EXHAUST GASES FROM TWO 150 MMBTU/HR WOOD-FIRED RECIPROCATING-GRATE FURNACES. THESE FURNACES ARE ALSO USED TO HEAT THE THERMAL FLUID IN AN INDIRECT HEAT EXCHANGER FOR USE IN THE HOT PRESS, LOG THAW PONDS, BUILDING HEAT, AND FOR OTHER AUXILLIARY USES. TWO WET ELECTROSTATIC PRECIPITATORS (WESP<sub>s</sub>) AND A REGENERATIVE THERMAL OXIDIZER (RTO) ARE USED TO CONTROL EMISSIONS FROM THE DRYER. A 55 MMBTU/HR PROPANE/NATURAL GAS BURNER IN THE HEAT RECOVERY ZONE OF ONE FURNACE IS USED TO HEAT THE THERMAL FLUID WHEN THE DRYERS ARE NOT OPERATING AND THE FURNACE IS NOT FIRING WOOD WASTE.

Building(s): PLANT

**Item 56.3:**

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

Emission Unit: U-ENGIN

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF TWO EMERGENCY GENERATORS AND A FIREWATER PUMP ENGINE. EACH EMERGENCY GENERATOR IS A 400 KW, DIESEL-FIRED ENGINE/GENERATOR SET USED TO PROVIDE ELECTRICITY TO CRITICAL SYSTEMS IN THE EVENT OF A POWER FAILURE. IN ADDITION, THE FACILITY HAS A FIREWATER PUMP WHICH IS POWERED BY A 208 HORSEPOWER DIESEL-FIRED ENGINE.

Building(s): PLANT

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**Item 56.4:**

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

Emission Unit: U-PRESS

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF THE HOT PRESS SYSTEM. PRE-TRIMMED MATS FROM THE FORMING LINE ARE STORED BY THE SCREEN CARRYING SYSTEM, THEN LOADED INTO THE BATCH HOT PRESS. THE PRESS USES HEAT AND PRESSURE TO CONSOLIDATE AND CURE THE BOARD. A THERMAL CATALYT IC OXIDIZER (TCO) IS USED TO CONTROL EMISSIONS FROM THE PRESS.

Building(s): PLANT

**Item 56.5:**

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

Emission Unit: U-STORE

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF NON-EXEMPT STORAGE AND HANDLING OPERATIONS AT THE FACILITY, INCLUDING LOG STORAGE AND HANDLING, HOGGED FUEL STORAGE AND HANDLING, RESIN AND WAX STORAGE TANKS, THERMAL OIL STORAGE TANKS, AND THE PRESS HYDRAULIC OIL STORAGE TANK. ALL OF THE STORAGE TANKS ARE LOCATED IN THE PRODUCTION PLANT AND VENT INSIDE THE BUILDING.

Building(s): OUTSIDE  
PLANT

**Condition 57: Contaminant List**

**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 57.1:**

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

CAS No: 000050-00-0  
Name: FORMALDEHYDE

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

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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: 007446-09-5  
Name: SULFUR DIOXIDE

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

**Condition 58: Air pollution prohibited**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 58.1:**

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

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

**Condition 59: Emission Point Definition By Emission Unit**  
**Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 59.1:**

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

Emission Unit: U-CONVY

Emission Point: 00003



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Height (ft.): 115	Diameter (in.): 48
Emission Point: 00004 Height (ft.): 115	Diameter (in.): 48
Emission Point: 00005 Height (ft.): 115	Diameter (in.): 38
Emission Point: 00006 Height (ft.): 115	Diameter (in.): 38

**Item 59.2:**

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

Emission Unit: U-DRYER	
Emission Point: 00001 Height (ft.): 140	Diameter (in.): 108
Emission Point: 00007 Height (ft.): 102	Diameter (in.): 48

**Item 59.3:**

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

Emission Unit: U-ENGIN		
Emission Point: 00008 Height (ft.): 15	Diameter (in.): 6	Building: PLANT
Emission Point: 00009 Height (ft.): 15	Diameter (in.): 6	Building: PLANT
Emission Point: 00010 Height (ft.): 15	Diameter (in.): 3	Building: PLANT

**Item 59.4:**

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

Emission Unit: U-PRESS	
Emission Point: 00002 Height (ft.): 140	Diameter (in.): 78



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**Condition 60: Process Definition By Emission Unit  
Effective between the dates of 06/13/2000 and Permit Expiration Date**

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

**Item 60.1:**

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

Emission Unit: U-CONVY

Process: DC1

Process Description:

THIS PROCESS IS THE CONVEYANCE OF WOOD DUST IN THE PLANT DUST COLLECTION SYSTEMS. THERE ARE FOUR DUST COLLECTION SYSTEMS AT THE PLANT. SYSTEM 1 (DC01C AND DC01B) COLLECTS FROM THE FORMING AND BLENDING EQUIPMENT (FORMR) AND VENTS TO EP00003. SYSTEM 2 (DC02 C AND DC02B) COLLECTS FROM THE DRY BINS AND SCREENING EQUIPMENT (DSCRN) AND VENTS TO EP00004. SYSTEM 3 (DC03C AND DC03B) COLLECTS FROM THE FINISHING LINE SANDERS (SANDR) AND VENTS TO EP00005. SYSTEM 4 (DC04C AND DC04B) COLLECTS FROM THE 1ST AND 2ND PASS SAWS (0SAWS) AND VENTS TO EP00006.

Emission Source/Control: DC01B - Control  
Control Type: FABRIC FILTER

Emission Source/Control: DC01C - Control  
Control Type: SINGLE CYCLONE

Emission Source/Control: DC02B - Control  
Control Type: FABRIC FILTER

Emission Source/Control: DC02C - Control  
Control Type: SINGLE CYCLONE

Emission Source/Control: DC03B - Control  
Control Type: FABRIC FILTER

Emission Source/Control: DC03C - Control  
Control Type: SINGLE CYCLONE

Emission Source/Control: DC04B - Control  
Control Type: FABRIC FILTER



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Emission Source/Control: DC04C - Control  
Control Type: SINGLE CYCLONE

Emission Source/Control: DSCRN - Process

Emission Source/Control: FORMR - Process

Emission Source/Control: OSAWS - Process

Emission Source/Control: SANDR - Process

**Item 60.2:**

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

Emission Unit: U-DRYER

Process: DR1

Process Description:

THIS PROCESS IS THE DRYING OF WOOD STRANDS IN TWO ROTARY DRUM DRYERS. DRIED WOOD STRANDS ARE COLLECTED IN THE PRIMARY CYCLONES (PCYCL), WHICH EXHAUST TO THE WET ELECTROSTATIC PRECIPITATORS (WESP1 AND WESP2) AND REGENERATIVE THERMAL OXIDIZER (DRRTO), THEN TO EP00001. EMISSIONS FROM THE DRYERS INCLUDE PROCESS EMISSIONS FROM THE DRYING OF WOOD AND PRODUCTS OF COMBUSTION FROM THE HEAT SOURCES (SEE PROCESS DR2).

Emission Source/Control: DRRTO - Control  
Control Type: DIRECT FLAME AFTERBURNER WITH HEAT EXCHANGER

Emission Source/Control: WESP1 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: WESP2 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: DRYR1 - Process

Emission Source/Control: DRYR2 - Process

Emission Source/Control: PCYCL - Process

**Item 60.3:**

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

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**Facility DEC ID: 5163400043**



Emission Unit: U-DRYER

Process: DR2

Process Description:

THIS PROCESS IS THE COMBUSTION OF WOOD WASTE IN TWO 150 MMBTU/HR RECIPROCATING-GRATE FURNACES. THE FURNACES FIRE BARK WASTE FROM THE DEBARKING OPERATION AND WOOD WASTE FROM THE DRYERS, SAWS AND SANDERS. EXHAUST GASES FROM THE FURNACES ARE USED TO INDIRECTLY HEAT THERMAL OIL FOR THE PRESS, LOG THAW PONDS, BUILDING HEAT, AND AUXILIARY USES; AND AS DIRECT HEATING IN THE DRYERS. ALL EXHAUST GASES VENT THROUGH THE DRYERS, WESPS, RTO, AND EP00001. NOX FROM THE HEAT SOURCES IS CONTROLLED BY SELECTIVE NON-CATALYTIC REDUCTION (SNCR).

Emission Source/Control: HEAT1 - Combustion

Design Capacity: 150 million Btu per hour

Emission Source/Control: HEAT2 - Combustion

Design Capacity: 150 million Btu per hour

Emission Source/Control: SNCR1 - Control

Control Type: SELECTIVE NON-CATALYTIC REDUCTION (SNCR)

Emission Source/Control: SNCR2 - Control

Control Type: SELECTIVE NON-CATALYTIC REDUCTION (SNCR)

**Item 60.4:**

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

Emission Unit: U-DRYER

Process: DR3

Process Description:

THIS PROCESS IS THE COMBUSTION OF PROPANE/NATURAL GAS IN THE LOW-NO<sub>x</sub> AUXILIARY GAS BURNER. THIS BURNER IS NOT FIRED AT THE SAME TIME WOOD WASTE IS COMBUSTED (SEE PROCESS DR2), BUT IS USED AS AN ALTERNATIVE HEAT SOURCE FOR PROVIDING BUILDING HEAT IN THE EVENT OF PROCESS/PLANT SHUTDOWN. ALL EXHAUST GASES VENT THROUGH

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**Facility DEC ID: 5163400043**



THE DRYER BYPASS STACK, EP00007.

Emission Source/Control: GBURN - Process

Design Capacity: 55 million Btu per hour

**Item 60.5:**

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

Emission Unit: U-ENGIN

Process: EN1

Process Description:

THIS PROCESS IS THE COMBUSTION OF DIESEL FUEL OIL IN ONE OR BOTH 400 KW EMERGENCY ENGINE/GENERATOR SETS, EDG01 AND EDG02, TO PROVIDE ELECTRICITY TO CRITICAL SYSTEMS IN THE EVENT OF A POWER FAILURE. THIS PROCESS ONLY OPERATES DURING EMERGENCIES AND FOR BRIEF PERIODS OF NON-EMERGENCIES IN ORDER TO PERFORM MAINTENANCE ON THE SYSTEM. EACH SOURCE IS LIMITED TO 500 HOURS OF OPERATION PER YEAR. EDG01 EXHAUSTS TO EMISSION POINT 0008, EDG02 EXHAUSTS TO EMISSION POINT 00009.

Emission Source/Control: EDG01 - Combustion

Design Capacity: 400 kilowatts

Emission Source/Control: EDG02 - Combustion

Design Capacity: 400 kilowatts

**Item 60.6:**

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

Emission Unit: U-ENGIN

Process: EN2

Process Description:

THIS PROCESS IS THE COMBUSTION OF DIESEL FUEL OIL IN THE 208 HP FIREWATER PUMP ENGINE, FIRE1. THIS PROCESS ONLY OPERATES DURING EMERGENCIES AND FOR BRIEF PERIODS OF NON-EMERGENCIES IN ORDER TO PERFORM MAINTENANCE ON THE SYSTEM. THIS SOURCE IS LIMITED TO 500 HOURS OF OPERATION PER YEAR. FIRE1 EXHAUSTS TO EMISSION POINT 00010.

Emission Source/Control: FIRE1 - Combustion

Design Capacity: 208 horsepower (mechanical)

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**Facility DEC ID: 5163400043**



**Item 60.7:**

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

Emission Unit: U-PRESS

Process: PR1

Process Description:

THIS PROCESS IS THE OSB HOT PRESS OPERATION. EMISSIONS FROM THE PRESS ARE CAPTURED BY AN EXHAUST HOOD SYSTEM, THEN VENTED TO A CATALYTIC OXIDIZER (PRTCO) FOR EMISSIONS CONTROL, THEN TO EP00002.

Emission Source/Control: PRTCO - Control

Control Type: CATALYTIC AFTERBURNER WITH HEAT EXCHANGER

Emission Source/Control: PRESS - Process

**Item 60.8:**

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

Emission Unit: U-STORE

Process: ST1

Process Description:

THIS PROCESS IS THE STORAGE AND HANDLING OF LOGS OUTSIDE OF THE MAIN PLANT. LOGS ARE TRUCKED TO THE SITE, UNLOADED AND STACKED IN THE LOG YARD. THE LOGS ARE THEN MOVED TO THE LOG INFEED HOPPERS. EMISSIONS CONSIST OF FUGITIVE PARTICULATE FROM LOG HANDLING AND WIND EROSION.

Emission Source/Control: LOGSH - Process

**Item 60.9:**

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

Emission Unit: U-STORE

Process: ST2

Process Description:

THIS PROCESS IS THE STORAGE AND HANDLING OF THE HOGGED WOOD WASTE (BARK, REJECT WOOD, ETC.) IN AN OUTDOOR STORAGE PILE. EMISSIONS CONSIST OF FUGITIVE PARTICULATE FROM FUEL HANDLING AND WIND EROSION.

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**Permit ID: 5-1634-00043/00001**

**Facility DEC ID: 5163400043**



Emission Source/Control: HFUEL - Process

**Item 60.10:**

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

Emission Unit: U-STORE

Process: ST3

Process Description:

THIS PROCESS IS THE LOADING AND STORAGE OF RESIN IN FOUR 20,000 GALLON TANKS (RESTS), WAX IN TWO 20,000 GALLON TANKS (WAXTS), THERMAL OIL IN A 17,000 GALLON TANK (OILT1), AND HYDRAULIC OIL IN SIX TANKS RANGING IN SIZE FROM 20-100 GALLONS (OILT2). ALL TANKS ARE LOCATED IN THE MAIN PLANT AND THE VENTS ARE EXHAUSTED INSIDE THE BUILDING. THE RESIN AND WAX ARE BOTH WATER-BASED WITH VAPOR PRESSURES OF APPROXIMATELY 0.4 PSIA.

Emission Source/Control: OILT1 - Process

Design Capacity: 17,000 gallons

Emission Source/Control: OILT2 - Process

Design Capacity: 100 gallons

Emission Source/Control: RESTS - Process

Design Capacity: 20,000 gallons

Emission Source/Control: WAXTS - Process

Design Capacity: 20,000 gallons