

New York State Department of Environmental Conservation
Facility DEC ID: 9145000066



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-1450-00066/00001
Effective Date: 06/26/2002 Expiration Date: No expiration date

Permit Issued To: MULLICAN FLOORING LP
209 VERMONT ST
HOLLAND, NY 14080

Contact: RICHARD B TYBURSKI
MULLICAN FLOORING
209 VERMONT ST
HOLLAND, NY 14080
(716) 537-2642

Facility: MULLICAN FLOORING
209 VERMONT ST
HOLLAND, NY 14080

Description: Mullican Flooring
State Facility Permit

Mullican Flooring, located in Holland, New York is a wood processing business involved in the manufacturing of hardwood flooring. This state facility permit represents an initial permit to construct for the installation of a new wood fired boiler with a heat input of 27.4 MMBTU/hour and rated at 20,000 pounds per hour steam. This is a fire-tube boiler that will utilize wood waste from the various wood-working operation as fuel and is equipped with a multiple cyclone flyash dust collector. The boiler will provide steam previously supplied by three 200 horsepower (6.7 MMBTU/hr) natural gas boilers. These gas-fired units will remain on-site and used when the wood fired boiler is down for inspection and/or maintenance. The boiler operations are described in emission unit 000E3.

The wood -fired boiler is subject to a particulate emission limit of 0.48 pounds per million BTU of boiler heat input as specified in 6NYCRR, Part 227-1.2 (a) (4) and Table 1 and the opacity limitation of Part 227-1.3. In addition, this unit having a maximum heat input greater than 10 million BTU/hour is subject to the applicability requirements of 40 CFR Part 60.40c- Subpart Dc-Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. The unit having a heat input less than 30 million BTU/hour is not subject to any emission limitations of this subpart, however the facility is subject to the notification and recordkeeping requirements of 60.7 and 60.48c(a),(g), and (i). Therefore, the facility must send an initial notification letter to the Environmental Protection Agency and maintain records of the amount of fuel combusted each day. These fuel usage



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records are to be retained by the facility for a period of two years.

In addition to particulates, emissions of carbon monoxide, nitrogen oxides, sulfur dioxide and volatile organic compounds are generated from the boiler operations. Potential emissions of these contaminants are all below major source thresholds. Boiler emissions of carbon monoxide at 75 tons contribute the greatest quantity of potential emissions. Emissions were calculated using AP-42 emission factors (March 2002) for dry (less than 20% moisture content) wood. The moisture content is determined by random daily sampling of material from the kilns and averages 6-8%. A stack test was conducted on a similar boiler with a heat input of 29.4 million Btu/hr located at the Smyrna, N.Y. facility and demonstrated compliance with all applicable regulations and limits.

Woodworking operations include a rough mill and a finish mill, each containing various saws, planing, and milling operations. A hogging machine reduces wood waste to shavings and chips in preparation for burning which are then transferred to the storage silo. There are two baghouses vented to separate emission points and located outside of the finish mill to control wood dust emissions. Wood waste from the woodworking operations is transferred to the storage silo with a cyclone collector. Particulate emissions from the dust collectors are limited by 6NYCRR, Part 212.4 (c) to a particulate emission rate of 0.05 grains/dscf and the opacity limit of Part 212.6. The woodworking operations are described in emission unit 000E1.

In addition, there are eight steam heated kilns used to drive off moisture from the wood. These sources, having only emissions of water vapor, are trivial sources as determined by 6NYCRR, Part 201-3.3(c)(94). There are no applicable requirements for these sources.

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: DAVID S DENK
 DIVISION OF ENVIRONMENTAL PERMITS
 270 MICHIGAN AVE
 BUFFALO, NY 14203-2999

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 9
HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

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

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



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transfer of ownership.

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

Item 4.1:

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

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

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

Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 9 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 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2999
(716) 851-7165



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ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: MULLICAN FLOORING LP
209 VERMONT ST
HOLLAND, NY 14080

Facility: MULLICAN FLOORING
209 VERMONT ST
HOLLAND, NY 14080

Authorized Activity By Standard Industrial Classification Code:
2421 - SAWMILLS & PLANING MILLS GENERAL

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LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Emission Unit Level

EU=0-000E1,Proc=0P1

1 6NYCRR 212.6(a): Compliance Demonstration

EU=0-000E1,EP=00EP1

2 6NYCRR 212.4(c): Compliance Demonstration

EU=0-000E1,EP=00EP2

3 6NYCRR 212.4(c): Compliance Demonstration

EU=0-000E3,Proc=BLR

4 6NYCRR 227-1.2(a)(4): Compliance Demonstration

5 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.

6 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.

7 40CFR 60.40c(a), NSPS Subpart Dc: Compliance Demonstration

8 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration

9 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration

10 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration

EU=0-000E3,EP=00EP3,Proc=BLR

11 6NYCRR 227-1.2(a)(4): Interpolation method for standards of particulate matter from solid fuel firing equipment.

12 6NYCRR 227-1.3(a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

13 ECL 19-0301: Contaminant List

14 6NYCRR 201-1.4: Unavoidable noncompliance and violations

15 6NYCRR 201-5: Emission Unit Definition

16 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

17 6NYCRR 201-5: Emission Point Definition By Emission Unit

18 6NYCRR 201-5: Process Definition By Emission Unit

Permit Effective Date: 06/26/2002

Permit Expiration Date: No expiration date.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A:

Sealing - 6NYCRR Part 200.5

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

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

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

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

Item B:

Acceptable Ambient Air Quality - 6NYCRR Part 200.6

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

Item C:

Maintenance of Equipment - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

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

Item D:

Unpermitted Emission Sources - 6NYCRR Part 201-1.2

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

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

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

Item E:

Emergency Defense - 6NYCRR Part 201-1.5

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

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

Item L: Open Fires - 6 NYCRR Part 215

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

Item M: Permit Exclusion - ECL 19-0305

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

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

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

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

FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

Condition 1:

Compliance Demonstration

Effective between the dates of 06/26/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 1.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-000E1

Process: 0P1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average

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opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2: Compliance Demonstration
Effective between the dates of 06/26/2002 and Permit Expiration Date

Applicable Federal/State Regulations: 6 NYCRR 212.4(c)

Item 2.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-000E1 Emission Point: 00EP1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

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Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 3: Compliance Demonstration
Effective between the dates of 06/26/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 3.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-000E1 Emission Point: 00EP2

Regulated Contaminant(s):
CAS No: PARTICULATES

Item 3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 4: Compliance Demonstration
Effective between the dates of 06/26/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.2(a)(4)

Item 4.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-000E3

Process: BLR



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Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The wood fired boiler is subject to the particulate emission limitation specified in Table 1 of subdivision (b) of 6NYCRR, Part 227-1.2. Based on the total boiler heat input of 27.4 MMBTU/hr and using the linear interpolation calculation of Table 1 (b), the allowable particulate emission rate for this stationary combustion unit is 0.48 pounds per million BTU.

The facility is required to follow the start-up, operation, and maintenance and inspection procedures recommended by the manufacturer.

Source testing may be required at the discretion of the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 5: EPA Region 2 address.
Effective between the dates of 06/26/2002 and Permit Expiration Date**

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 5.1:

This Condition applies to Emission Unit: 0-000E3

Process: BLR

Item 5.2:

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

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

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

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following address:

NYSDEC

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

Condition 6: Recordkeeping requirements.
Effective between the dates of 06/26/2002 and Permit Expiration Date

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

Item 6.1:

This Condition applies to Emission Unit: 0-000E3
Process: BLR

Item 6.2:

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

Condition 7: Compliance Demonstration
Effective between the dates of 06/26/2002 and Permit Expiration Date

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

Item 7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-000E3
Process: BLR

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Subpart Dc-Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units applies to each steam generating unit for which construction has commenced after June 9, 1989 and has a maximum design heat input capacity of greater than or equal to 10 million Btu/hour and less than 100 million Btu/hour. The wood fire boiler, having a maximum rated



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heat input of 27.4 million Btu/hour is therefore subject to the requirements of this subpart. There are no emission limitation requirements for wood-fired boilers less than 30 million Btu/hr. However, the source is subject to the notification and recordkeeping requirements of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 8:

Compliance Demonstration

Effective between the dates of 06/26/2002 and Permit Expiration Date

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

Item 8.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-000E3

Process: BLR

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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



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Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 9: Compliance Demonstration

Effective between the dates of 06/26/2002 and Permit Expiration Date

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

Item 9.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-000E3

Process: BLR

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 10: Compliance Demonstration

Effective between the dates of 06/26/2002 and Permit Expiration Date

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

Item 10.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-000E3

Process: BLR

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 11: Interpolation method for standards of particulate matter from solid fuel firing equipment.
Effective between the dates of 06/26/2002 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 227-1.2(a)(4)

Item 11.1:

This Condition applies to Emission Unit: 0-000E3 Emission Point: 00EP3
Process: BLR

Item 11.2:

The following equation shall be used to determine the applicable particulate matter emission rate for a stationary combustion installations with a total heat input between 10-10,000 mmBtu/hr:

$$E = 1.0/p^{0.22}$$

where:

E = permissible emission rate in lb/million Btu

p = total heat input in mmBtu/hr.

**Condition 12: Compliance Demonstration
Effective between the dates of 06/26/2002 and Permit Expiration Date**

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

Item 12.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-000E3 Emission Point: 00EP3
Process: BLR

Item 12.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

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Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

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

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

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

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

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



law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 13: Contaminant List
Effective between the dates of 06/26/2002 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 13.1:

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

CAS No: 0NY075-00-0

Name: PARTICULATES

Condition 14: Unavoidable noncompliance and violations
Effective between the dates of 06/26/2002 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 14.1:

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

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



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occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

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

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

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

Condition 15: Emission Unit Definition
Effective between the dates of 06/26/2002 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 15.1:

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

Emission Unit: 0-000E1

Emission Unit Description:

Wood flooring manufacturing plant consisting of a rough mill and a finish mill. This emission unit includes various woodworking operations such as sawing, planing, shaving, milling, molding, and sanding. Emissions from these operations are controlled by two bag filters venting to atmosphere through two emission points identified as EP-01 and EP-02. The material collected by the baghouses drops into a transfer blower system and is transported to a storage silo with a cyclone collector. The silo feeds the surge bin for the boiler.

Building(s): FINISH

Item 15.2:

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

Emission Unit: 0-000E3



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Emission Unit Description:

This emission unit describes a 600 HP wood fired, fire-tube boiler with a rated boiler heat input of 27.4 MMBTU/hr. Wood waste from the storage silo is fed into the surge bin which in turn feeds the boiler. Particulate emissions are controlled by a multiple cyclone flyash collector without flyash re-injection. The boiler is equipped with a soot blower.

Building(s): BLR1

Condition 16: Air pollution prohibited
Effective between the dates of 06/26/2002 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 16.1:

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 17: Emission Point Definition By Emission Unit
Effective between the dates of 06/26/2002 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 17.1:

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

Emission Unit: 0-000E1

Emission Point: 00EP1

Height (ft.): 68 **Length (in.):** **Width (in.):** 58
NYTMN (km.): 4726.9 **NYTME (km.):** 210.2 **Building:** FINISH

Emission Point: 00EP2

Height (ft.): 42 **Length (in.):** **Width (in.):** 42
NYTMN (km.): 4726.9 **NYTME (km.):** 210.2 **Building:** FINISH

Item 17.2:



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

Emission Unit: 0-000E3

Emission Point: 00EP3

Height (ft.): 50

Diameter (in.): 34

NYTMN (km.): 4726.9

NYTME (km.): 210.2

Building: BLR1

Condition 18: Process Definition By Emission Unit

Effective between the dates of 06/26/2002 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 18.1:

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

Emission Unit: 0-000E1

Process: OP1

Process Description:

Flooring is produced in a rough mill and finish mill which utilize various saws, hammer mills, and planing operations. Waste from the woodworking operations is collected by two baghouses and stored in a storage silo equipped with a cyclone collector to be eventually burned as fuel in the boiler.

Emission Source/Control: OES-1 - Control

Control Type: FABRIC FILTER

Emission Source/Control: OES-2 - Control

Control Type: FABRIC FILTER

Emission Source/Control: OES-6 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: OES-5 - Process

Item 18.2:

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

Emission Unit: 0-000E3

Process: BLR

Source Classification Code: 1-02-009-05

Process Description:

This process represents a 600 horsepower wood fired boiler. The boiler is a fire tube unit rated at a heat input of 27.4 million BTU per hour and produces 19,650 pounds per hour of steam.

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Emission Source/Control: 0ES-4 - Combustion
Design Capacity: 27.4 million Btu per hour

Emission Source/Control: 0ES-3 - Control
Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION