Facility ID: 0238000169 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0238000169 Emissions Unit ID: P001 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

   (a) None.

2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

   (a) None.

A. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Wood mill (saws, sanders and planers) controlled by a 25,000 acfm cyclone and return-air bag house. Emissions after the baghouse can be vented directly outside. Wood waste pneumatically transferred to wood waste silo.	OAC rule 3745-31-05(A)(3) (PTI 02-15581, effective 9/11/01)	See sections A.2.a, A.2.b and A.2.c below.
	OAC rule 3745-17-07(B)	This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(e).
	OAC rule 3745-17-08(B)	The permittee is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-07(B).
	OAC rule 3745-17-11(B)	The emission limitation required by this applicable rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)	The emission limitation required by this applicable rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**

   (a) Particulate emissions shall not exceed 0.01 grain per dscf of exhaust gases, 2.14 pounds per hour and 9.4 tons per year.
   There shall be no visible emissions of fugitive dust except for one (1) minute in any hour from any building opening.
   Visible particulate emissions from the stack shall not exceed 5% opacity as a 6-minute average when the dust collection system is vented outside.

B. **Operational Restrictions**

1. The pressure drop across the baghouse shall be maintained within the manufacturer's recommended range of 0.5" to 4" inches of water while the emissions unit is in operation.

2. The baghouse shall be operated with a sufficient volumetric flow rate to minimize or eliminate visible particulate emissions at the point(s) of capture to the extent possible with good engineering design.

3. The waste wood storage container vent shall be controlled by the baghouse at all times the woodworking shop is in operation.

C. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall properly install, operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

2. The permittee shall maintain copies of the record of the daily pressure drop readings at the facility for a period of at least 5 years. Those records should be made available for Ohio EPA or their representatives to review during normal working hours.

D. **Reporting Requirements**

1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section B.1.

2. All deviation (excursion) reports shall be submitted in accordance with section 3 of the General Terms and Conditions.

E. **Testing Requirements**

1. Compliance with the emission limitations in sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:

Particulate emissions shall not exceed 0.01 grain per dscf of exhaust gases and 2.14 pounds per hour.

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5.
Emission Limitation:

Particulate emissions shall not exceed 9.4 tons per year.

Applicable Compliance Method:

Compliance with this emission limitation shall be determined by the following equation:

PE, in tpy = (0.03 gr/dscf) X (25,000 cfm) X (60 min/hr) X (8760 hr/yr) X (lb/7000 gr) X (ton/2000 lb) X (1-.99)

where:

0.03 gr/dscf is the particulate emission factor from AP-42, table 10.4-1, version 2/80;
25,000 cfm is the baghouse flow rate; and
99% is the baghouse control efficiency.
Emission Limitation:

There shall be no visible emissions of fugitive dust except for one (1) minute in any hour from any building opening.

Applicable Compliance Method:

Compliance shall be demonstrated in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 22.
Emission Limitation:

Visible particulate emissions from the stack shall not exceed 5% opacity as a 6-minute average when the dust collection system is vented outside.

Applicable Compliance Method:

Compliance shall be demonstrated in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9.

F. **Miscellaneous Requirements**

1. None