

Facility ID: 0285010472 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: 0285010472 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P001 - 8 Woodworking machines controlled by a 5,100 cfm cyclone.	OAC rule 3745-17-07 (A)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05 (A)(3).
	OAC rule 3745-17-07 (B)	Exempt. See section A.2.a of these terms and conditions.
	OAC rule 3745-17-08 (B)	Exempt. See section A.2.b of these terms and conditions.
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05 (A)(3).
	OAC rule 3745-31-05 (A)(3) PTI No. 02-22891	Particulate emissions generated from this emissions unit shall not exceed 0.055 grain per dry standard cubic foot of exhaust gas and 10.51 tons per year.  Visible particulate emissions shall not exceed five percent (5%) opacity as a six-minute average from the exhaust of cyclone.

See section B.1 of these terms and conditions.

2. **Additional Terms and Conditions**
  - (a) In accordance with OAC rule 3745-17-07 (B)(11)(d), OAC rule 3745-17-07 (B)(1) shall not apply to any fugitive emissions units which are exempted from the requirements of OAC rule 3745-17-08 (B). The facility is not located at Appendix A area of OAC rule 3745-17-08. In accordance with OAC rule 3745-17-08 (A)(1), this emissions unit is exempt from the requirements of OAC rule 3745-17-08 (B). The hourly and annual emission limitations outlined above are based upon the potential to emit of the emissions unit. Therefore, no records are required to be maintained to demonstrate compliance with these limitations.

**B. Operational Restrictions**

1. During any unloading of sawdust into trucks from the cyclone dust collector hopper, every attempt shall be made to reduce or control fugitive dust emissions by minimizing the drop height to the truck, utilizing a truck with high side boards, or placing a covering over the discharge chute during the unloading process.

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

1. None

**D. Reporting Requirements**

1. None

**E. Testing Requirements**

1. Compliance with the emission limitations specified in section A.1. of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emission Limitation: 0.055 grain/dscf of PE

## Applicable Compliance Methods:

Compliance shall be determined in accordance with OAC rule 3745-17-03 (B)(10), if required by Ohio EPA.

b. Emission Limitation: 10.51 tons/yr of PE

## Applicable Compliance Methods:

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

$$PE = (ER)(FR)(60 \text{ min/hr})(8760 \text{ hr/yr})/(7000 \text{ gr/lb})(2000 \text{ lb/ton})$$

Where:

PE = Particulate emissions, in tons per year;

ER = Particulate emission rate which is 0.055 gr/dscf, AP-42, Woodworking Waste Collection Operations, 2/80, Table 10.4-1; and

FR = Cyclone flow rate, which is 5,100 cubic foot per minute.

F. **Miscellaneous Requirements**

1. None