

Facility ID: 1431283324 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: 1431283324 Emissions Unit ID: F001 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>
F001 - Sawdust unloading operation	OAC rule 3745-31-05(A)(3) (PTI 14-4778)	Particulate emissions (PE) shall not exceed 1.20 pounds per hour and 2.50 tons per year. Particulate emissions less than 10 microns in diameter (PM10) shall not exceed 0.38 pound per hour and 0.80 ton per year. See term A.2.b. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B)(1). See term A.2.a.
	OAC rule 3745-17-07(B)(1)	

2. Additional Terms and Conditions

- (a) Visible fugitive particulate emissions from emissions unit F001 shall not exceed 20 percent opacity, as a three-minute average.
The permittee shall minimize to the extent possible the drop height of the unloading operation in order to minimize or eliminate visible emissions of fugitive dust pursuant to the best available technology requirement of OAC rule 3745-31-05.
The hourly PM/PM10 emission limitations outlined in A.1 are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with these limits.

B. Operational Restrictions

1. The maximum amount of sawdust unloaded in this emissions unit shall not exceed 2500 tons per year.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the amount of sawdust unloaded, in tons.

D. Reporting Requirements

1. The permittee shall submit annual reports which specify the total particulate emissions from emissions unit F001 for the previous calendar year. Emissions shall be calculated as follows: (amount of sawdust collected the previous year, in tons x 2 lbs of PE/ton sawdust) divided by 2000 lbs/ton. These reports shall be submitted by January 31 of each year, covering the previous calendar year.
2. The permittee shall submit annual reports that identify any exceedances of the restriction on annual sawdust unloaded, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year, covering the previous calendar year.

E. Testing Requirements

1. Emission Limitations:

Particulate emissions (PE) shall not exceed 1.20 pounds per hour and 2.50 tons per year.

Applicable Compliance Method:

The hourly PE limit was calculated using the following equation:

$0.6 \text{ ton of sawdust unloaded/hour} \times 2 \text{ pounds of PE/ton of sawdust unloaded} = 1.2 \text{ pounds of PE/hour.}$

The annual PE limit was calculated using the following equation:

$2500 \text{ tons of sawdust unloaded/year} \times 2 \text{ pounds of PE/ton of sawdust unloaded} \times \text{ton}/2000 \text{ pounds} = 2.5 \text{ tons of PE/year.}$

The 2 pounds of PE/ton of sawdust unloaded emission factor is from Ohio EPA's Guidance Document "Reasonably Available Control Measures (RACM) for fugitive dust sources, Table 2.17-1, September 1980.

If testing is required to determine compliance with the with the hourly particulate emission limitation, then testing shall be conducted using the following method: Methods 1-5 of 40 CFR, Part 60, Appendix A.

Emission Limitations:

Particulate emissions less than 10 microns in diameter (PM10) shall not exceed 0.38 pound per hour and 0.80 ton per year.

Applicable Compliance Method:

PM10 = 32% of PE as per engineering assumption.

The hourly PM10 limit was calculated using the following equation:

$1.2 \text{ pounds of PE/hour} \times 0.32 \text{ pound of PM10/pound of PE} = 0.38 \text{ pound of PM10/hour.}$

The annual PM10 limit was calculated using the following equation:

$2.5 \text{ tons of PE/year} \times 0.32 \text{ pound of PM10/ton PE} = 0.8 \text{ ton of PM10/year.}$

2. Compliance with the restriction on the amount of sawdust unloaded in section B.1 shall be determined by the record keeping in section C.1.

3. Emission Limitation:

Visible fugitive particulate emissions from emissions unit F001 shall not exceed 20 percent opacity, as a three-minute average.

Applicable Compliance Method:

Compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

F. **Miscellaneous Requirements**

1. None