

Facility ID: 0278000787 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: 0278000787 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 - sawmill operation	OAC rule 3745-31-05(A)(3) (PTI No. 02-19013)	Particulate emissions (PE) shall not exceed 63.1 pounds per day and 4.7 tons per year. Visible particulate emissions from material handling shall not exceed six minutes during any sixty-minute observation period.
	OAC rule 3745-17-07(B)(1)	See section B.1. and 2. below. 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	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 3745-17-08(B).

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. The sawdust generated by the sawing operations, shall be controlled, and vented to a sawdust storage shed, which is a three sided structure with a roof. The area around the storage bin shall be kept clean of sawdust which may become airborne. Water or a suitable dust suppressant shall be used to prevent fugitive emissions of any scattered sawdust outside the storage bin in dry weather.
2. The mulch pile, generated from the debarker and miscellaneous operations, shall be covered with a tarp during wet weather, to prevent water runoff from this storage pile. The tarp may be removed during dry weather to avoid heat build-up in the mulch pile. If any fugitive dust is present during dry weather when the pile is not tarped, water or a suitable dust suppressant shall be used to prevent fugitive emissions.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the egress points (i.e., saw dust storage shed, mulch pile, etc.) serving this emissions unit. The presence or absence of any visible fugitive emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the location and color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to

document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

D. Reporting Requirements

1. The permittee shall submit an annual written report that (a) identify all days during which any visible fugitive particulate emissions were observed from the egress points (i.e., saw dust storage shed, mulch pile etc.) serving this emissions unit and (b) describe any corrective actions taken to minimize or eliminate the visible fugitive particulate emissions. This report shall be submitted to the Director (the Ohio EPA Northeast District Office) by January 31 of each year and shall cover the previous 12-month period.

E. Testing Requirements

1. Compliance with the emissions limitation(s) in section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emissions Limitation:

Visible emissions shall not exceed six minutes during any sixty-minute observation period.

Applicable Compliance Method:

Compliance with the visible emissions limitations for material handling identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

Emission Limitation:

PE shall not exceed 63.1 lbs/day.

Applicable Compliance Method:

Compliance shall be based on a one time calculation by using emission factors from Ohio EPA RACM, Section 2.17 (8/83) for wood debarking, sawing, and sawdust storage, and the maximum wood handled per day, 120 tons. from the application .

$E(\text{debark}) = 0.024 \text{ lb/ton (emission factor)} \times 120 \text{ tons/day} = 2.9 \text{ lbs/day}$

$E(\text{sawing}) = 0.35 \text{ lb/ton (emission factor)} \times 120 \text{ tons/day} = 42.1 \text{ lbs/day}$

$E(\text{sawdust storage and handling}) = 1.0 \text{ lb/ton (emission factor)} \times 120 \text{ tons/day} \times (15\% \text{ waste generated from wood})$
 $= 18.1 \text{ lb/day}$

$E(\text{PE total}) = 63.1 \text{ lbs/day}$

Emission Limitation:

PE shall not exceed 4.7 tons/year.

Applicable Compliance Method:

Compliance shall be based on a one time calculation by using emission factors from Ohio EPA RACM, Section 2.17 (8/83) for wood debarking, sawing, and sawdust storage, and the maximum wood handled per year from the application.

$EA(\text{debark}) = 0.024 \text{ lb/ton (emission factor)} \times 6261 \text{ tons/year} = 150 \text{ lbs/year}$

$EA(\text{sawing}) = 0.35 \text{ lb/ton (emission factor)} \times 12522 \text{ tons/year} = 4283 \text{ lbs/year}$

$EA(\text{sawdust storage and handling}) = 1.0 \text{ lb/ton (emission factor)} \times 12522 \text{ tons/year} \times (15\% \text{ waste generated from wood}) = 1878 \text{ lbs/year}$

$EA(\text{PE total}) = 6311 \text{ lbs/year} = 4.7 \text{ tons/year}$

F. Miscellaneous Requirements

1. None