

Facility ID: 1431234142 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: 1431234142 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-woodworking operations | OAC rule 3745-31-05(A)(3) (PTI 14-05425) | Particulate Emissions (PE) and emissions of Particulate Matter less than 10 microns in diameter (PM10) shall not exceed 2.4 lbs/hr and 10.51 tons/yr. Visible particulate emissions of fugitive dust shall not exceed (0%) zero percent opacity, as a three minute average, except as specified by rule. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1). |
| | OAC rule 3745-17-07(A)(1) | See term B.2 Visible particulate emissions from any stack shall not exceed twenty percent (20%) opacity, as a six minute average, except as specified by rule. |
| | 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). |

2. Additional Terms and Conditions

- (a) Compliance with OAC rule 3745-31-05(A) shall be demonstrated by the use of a fabric filter which is at least 99% efficient, to control particulate emissions, and venting the woodwaste bin to the baghouse. The hourly emission limitation outlined is based upon the emissions unit's Potential to Emit (PTE). Therefore, no hourly records are required to demonstrate compliance with these limits.

B. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 1 - 5 inches of water while the emissions unit is in operation.
2. The permittee shall continue to vent the woodwaste bin to the baghouse in order to ensure that no fugitive particulate emissions are emitted to the ambient air.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be 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 weekly basis.
2. The permittee shall maintain monthly records of the amount of woodwaste collected from the baghouse and transferred to the waste bin.

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 term B.1. If no exceedances occurred during the reporting period then a report is required stating so.

2. The permittee shall submit annual reports that identify any exceedances of the annual PM/PM-10 limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.
3. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1 of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation:
2.4 lbs/hr PM/PM-10; 10.51 tons/yr PM/PM-10

Applicable Compliance Method:

Particulate emissions shall be calculated and compliance with the particulate emission limitations shall be determined using the following equations:

$$\text{lbs/hr PM/PM-10} = A \times C$$
$$\text{tons/yr PM/PM-10} = B \times C$$

where,

A = lbs/hr wood waste vented to baghouse
B = tons/yr wood waste vented to baghouse
C = control efficiency of baghouse, assumed to be 99%

If testing is required to determine compliance with the with the particulate emission limitation, then testing shall be conducted using the following method: Method 5 of 40 CFR, Part 60, Appendix A.
2. Emission Limitation:

20% opacity, as a six minute average

Applicable Compliance Method:

Compliance shall be determined in accordance with Test Method 9 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, 2002.
3. Emission Limitation:

0% opacity, as a three-minute average, for fugitive emissions

Applicable Compliance Method:

Compliance shall be determined in accordance with Test Method 9 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, 2002.
4. Compliance with the pressure drop limitation in Term B.1 shall be demonstrated by the recordkeeping in Term C.1.

F. Miscellaneous Requirements

1. None