

Facility ID: 0679010132 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: 0679010132 Emissions Unit ID: P014 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>
Solid Stearates Unit-Building 38 controlled with a HEPA filter	OAC rule 3745-31-05(A)(3) PTI # 06-06440	Particulate emissions (PE) shall not exceed 0.02 pound per hour (0.1 ton per year)
	OAC rule 3745-17-07(A)	Visible emissions (VE) shall not exceed 20% opacity as a six-minute average, except as provided by rule.
	OAC rule 3745-17-11(A)	The requirements of this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

**2. Additional Terms and Conditions**

- (a) None

**B. Operational Restrictions**

1. To ensure the HEPA filter is operated according to the manufacturer's specifications and to maintain compliance with the allowable particulate emission rate, a pressure drop across the baghouse of not less than 0.8 inch of water or greater than 1.0 inch of water shall be maintained at all times.

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

1. The permittee shall properly operate and maintain a monitoring device capable of accurately measuring the pressure drop across the fabric filter. The permittee shall check the pressure drop once a day and maintain daily records of the pressure drop readings.

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the above-mentioned allowable pressure drop range.

The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition of this permit.

**E. Testing Requirements**

1. Compliance Method Requirements:  
Compliance with the emission limitation(s) established in this permit shall be determined in accordance with the following method(s):  
Emission Limitations: 0.02 pound PE/hour, 0.1 ton/year

Applicable Compliance Method: The hourly PE limitation is based on an uncontrolled emission rate of 0.4 lb/hr and a control efficiency of 95% as provided in the permit to install application. The annual PE limitation is based on the hourly limitation at 8760 hours/year.

$$(0.4 \text{ lb/hr})(1 - 0.95) = 0.02 \text{ lb/hr}$$

$$(0.02 \text{ lb/hr})(8760 \text{ hr/yr})(0.0005 \text{ ton/lb}) = 0.1 \text{ ton/yr}$$

If required, compliance with the PE limitation shall be determined in accordance with the test methods and procedures in USEPA Methods 1-5, which is located in 40 CFR Part 60, Appendix A.

Emission Limitation:

VE shall not exceed 20% opacity as a six-minute average, except as provided by rule.

Applicable Compliance Method:

If required, compliance with the VE limitation shall be determined in accordance with the test Method 9, which is located in 40 CFR Part 60, Appendix A and the procedure specified in OAC rule 3745-17-03(B)(1).

F. **Miscellaneous Requirements**

1. None