

Facility ID: 0857103196 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: 0857103196 Emissions Unit ID: P018 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>
P018 - Cylinder Block Machining Line with Mist Collector Units No. 1, 2, 3, and 11	OAC rule 3745-31-05(A)(3) PTI 08-04583	The particulate emissions (PE) from this emissions unit shall not exceed 0.84 lb/hr and 3.68 tons/yr.
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 10 percent opacity, as a 6-minute average. The visible PE limitation specified by this rule is less stringent than the visible PE limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11(B)	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) The 0.84 lb/hr emission limitation was established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop additional monitoring, record keeping and/or reporting requirements to ensure compliance with this limitation.

**B. Operational Restrictions**

1. The pressure drop range across each HEPA filter for the mist collector units (MCUs) shall be maintained within the range of 0.5 to 3.0 inches of water while the emissions unit is in operation.

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

1. The permittee shall properly operate and maintain monitoring equipment and a recorder which simultaneously measure and record the pressure drop across each HEPA filter while the emissions unit is in operation. The monitoring and recording devices shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall collect and record the average hourly pressure drop across each HEPA filters (i.e., the average hourly is calculated from the data points collected at a minimum frequency of 1 reading per 15 minutes).

**D. Reporting Requirements**

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports, in accordance with Section A.2 of the General Terms and Conditions of this permit, that identify that all periods of time during which the pressure drop across each HEPA filter did not comply with the allowable range specified above.

**E. Testing Requirements**

1. Compliance with the specified allowable emission limitations in Section A.1. of this permit shall be demonstrated in accordance with the following methods:  
Emission Limitation -  
0.84 lb/hr PE

Applicable Compliance Method -  
Compliance with the hourly PE limitation may be determined by multiplying the total exhaust gas volumetric airflow rate of 3,281,000 cu. ft/hr by the company-derived emission factor of 2.35 X 10<sup>-7</sup> lb PE/ft<sup>3</sup>. I

If required, compliance with the hourly PE limitation shall be determined in accordance with the USEPA Reference Methods 1 - 5 of 40 CFR Part 60, Appendix A.

\* the combined airflow from the MCUs No. 1 and 2 (3,276,000 cu. ft/hr) plus a portion of the airflow from MCU No. 11 (5,000 cu. ft/hr)  
Emission Limitation -  
3.68 tons/yr PE

Applicable Compliance Method -

The annual PE limitation was developed by multiplying the hourly allowable PE limitation by the maximum annual number of hours of operation (8,760 hours), and then dividing by 2000 lbs/ton. Therefore, provided compliance with the hourly limitation is maintained, compliance the annual limitation shall be assumed.

Emission Limitation -

Visible PE shall not exceed 10 percent opacity, as a 6-minute average

Applicable Compliance Method -

Compliance shall be determined by visible emission evaluations performed in accordance with USEPA Reference Method 9 of 40 CFR Part 60, Appendix A.

F. **Miscellaneous Requirements**

1. None