

Facility ID: 0514000047 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: 0514000047 Emissions Unit ID: P022 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>
P022 - Heat Treat Wheelabrator (with a cyclone and baghouse) using steel shot to clean and de-bur metal parts, the maximum process weight rate is 250 lbs per hour.	OAC rule 3745-31-05(A)(3) PTI 05-12257	Visible particulate emissions (PE) from any exhaust stack shall not exceed 0% opacity, as a 6-minute average.
	OAC rule 3745-17-11(B)	PE shall not exceed 1.6 x 10 ⁻⁵ grain per dry standard cubic foot (DSCF) of exhaust air, 0.002 lb/hr and 8.0 x 10 ⁻³ ton/yr.
	OAC rule 3745-17-07(A)(1)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). 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) None

B. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained according to the manufacturers recommendations while the emissions unit is in operation.

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 installed, 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 once a day when this emissions unit is in operation. The unit for pressure drop shall be inches of water column.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all periods of time during which the pressure drop across the dust collector did not comply with the allowable range specified above.

The quarterly deviation (excursion) reports shall be submitted in accordance with 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:

Visible PE from any stack shall not exceed 5 % opacity, as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be determined through visible PE observations performed in accordance with 40 CFR, Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

Emission Limitation

PE shall not exceed 1.6×10^{-5} grain per DSCF of exhaust air, 0.002 lb/hr, and 8.0×10^{-3} ton/yr.

Applicable Compliance Method:

Compliance with the 1.6×10^{-5} gr/DSCF PE limit shall be assumed based upon the design criteria of the baghouse control equipment. Compliance with the 0.437 lb/hr PE limit shall be determined by multiplying the assumed outlet grain loading (1.6×10^{-5} gr/DSCF) by 14,00 DSCF/min and then multiplying that product by the conversion factors 60 min/hr and 1.0 lb/7,000 gr.

Compliance with the annual emission rate shall be determined by multiplying the calculated short term lbs/hr emission rate by 8,760 hours/year of the emissions unit and then multiplying by the conversion factor 1.0 ton/2,000 lbs.

If required, the permittee shall determine compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(10).

F. Miscellaneous Requirements

1. None