

Facility ID: 0812100276 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: 0812100276 Emissions Unit ID: P008 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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>
P008 - Table Blast/Wheelabrator LE	OAC rule 3745-31-05(A)(3) PTI 08-2064	Particulate emissions (PE) shall not exceed 0.25 lb/hr and 0.05 TPY.
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 5% opacity, as a 6-minute average.
	OAC rule 3745-17-11(B)	The visible emission limitation specified by this rule is less stringent than that established by OAC rule 3745-31-05(A)(3). The emission limitation specified by this rule is less stringent than that established by OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**
 - (a) The 0.25 lb/hour PE limit was established to reflect the potential to emit for the emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit. PE from emissions units P008 and P003 are controlled through the application of a common baghouse identified as the Blast Baghouse.

B. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 3.0 to 5.0 inches of water while the emissions unit is in operation.
2. The maximum annual operating hours for this emissions unit shall not exceed 400.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly install, 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 on daily basis.
2. The permittee shall maintain monthly records of the operating hours for this emissions unit.

D. Reporting Requirements

1. The permittee shall submit pressure drop deviation (excursion) reports that identify that all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above. The permittee shall submit quarterly deviation (excursion) reports in accordance with the General Terms and Conditions.
2. The permittee shall submit annual reports which identify any exceedances of the annual operating hours limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitation(s) of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation-
0.25 lb/hr PE

Applicable Compliance Method -
Compliance with the hourly PE limitation above shall be determined by multiplying the maximum capacity of the process (0.8 tons/hr) by the emission factor of 17 lbs PE/ton iron (AP-42 Table 12.10-7 (1/95)) and by a control factor of $((100 - 99) / 100)$ where 99 is the control efficiency of the baghouse (100% capture efficiency).

If required, the permittee shall demonstrate compliance with the PE limitation above based on the test results of stack testing conducted in accordance with OAC rule 3745-17-03(B)(10) using Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

b. Emission Limitation-
0.05 TPY PE

Applicable Compliance Method -
Compliance with the annual PE limitation above shall be determined by multiplying the maximum hourly PE rate by the summation of the 12 monthly operating hours (as specified in Section C.2.) and dividing by 2,000 lbs/ton.

c. Emission Limitation-
5% opacity as a 6-minute average

Applicable Compliance Method -
Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in U.S. EPA Reference Method 9 of 40 CFR Part 60, Appendix A.

F. Miscellaneous Requirements

1. None