

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: 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>
Number 1 Furnace (F001); Electric Induction Furnace	OAC rule 3745-17-11	8.65 lbs/hr particulate  See Additional T&C 2.a.

**2. Additional Terms and Conditions**

- (a) Visible emissions from this source and the two other melting furnaces identified by Ohio EPA source Nos. 0812100276 F002 and F006 shall not exceed 5% opacity, as a six minute average, except during slagging at which time visible emissions may not exceed 10% opacity, as a six minute average, as observed from general ventilation egress points.

**B. Operational Restrictions**

1. None

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

1. None

**D. Reporting Requirements**

1. None

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
  - Emission Limitation-  
8.65 lbs/hr Particulate
  - Applicable Compliance Method-  
Compliance shall be based upon the multiplication of the maximum capacity of the furnace (3 ton/hr) by the metal charging emission factor, 0.9 lb/ton, from AP-42 Table 12.10-3 Particulate Emission Factors for Iron Furnaces. This calculation represents actual emissions of 2.7 lbs/hr particulate which indicates compliance with the allowable emission limitation above.
  - Emission Limitation-  
5% opacity, as six minute average  
10% opacity, as six minute average, during slagging
  - Applicable Compliance Method-  
Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(5) using the methods and procedures specified in USEPA Method 9.

**F. Miscellaneous Requirements**

1. The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source are subject to public disclosure in accordance with OAC rule 3745-49-03.