

Facility ID: 1431070027 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: 1431070027 Emissions Unit ID: P901 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>
1 ton per hour (TPH) aluminum reverberatory furnace	OAC rule 3745-31-05(A)(3) (PTI 14-4691)	particulate emissions (PE): 0.9 lb/hr, 3.94 tons per year (TPY) nitrogen oxides (NOx): 0.37 lb/hr, 1.63 TPY carbon monoxide (CO): 0.31 lb/hr, 1.37 TPY
	OAC rule 3745-17-07(A)(1) OAC rule 3745-17-07(B)(1) OAC rule 3745-17-08(B)	See A.2.a. See A.2.b. See A.2.c. Reasonably available control measures shall consist of good operating practices to minimize or eliminate visible emissions (VE) of fugitive dust.
	OAC rule 3745-17-11(B)(1)	less stringent than the PE limit established pursuant to OAC rule 3745-31-05(A)(3)

2. **Additional Terms and Conditions**
 - (a) The 0.9 lb/hr of PE, 0.37 lb/hr of NOx, and 0.31 lb/hr of CO allowable emission rates were established for PTI purposes to reflect the potentials to emit for this emissions unit. Therefore, it is not necessary to specify record keeping and reporting requirements to ensure compliance with these limits. Visible PE from any stack shall not exceed 20% opacity, as a six-minute average, except as specified by rule. Visible fugitive PE from this emissions unit shall not exceed 20% opacity, as a three-minute average, except as specified by rule.

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 limitations in Section A.1. of these terms and conditions shall be determined by the emission factors and the operational parameters in PTI application 14-4691 submitted on January 19, 1999 or, if required, by stack testing in accordance with the following methods:
 - for PE: U.S. EPA methods 1 through 5;
 - for NOx: U.S. EPA method 7; and
 - for CO: U.S. EPA method 10.
2. Compliance with the VE limitation outlined in OAC rule 3745-17-07(A)(1) shall be determined in accordance with the test method specified in OAC rule 3745-17-03(B)(1).

3. Compliance with the VE limitation outlined in OAC rule 3745-17-07(B)(1) shall be determined in accordance with the test method specified in OAC rule 3745-17-03(B)(3).

F. **Miscellaneous Requirements**

1. If probable cause exists indicating this emissions unit is causing or contributing to a nuisance in violation of OAC rule 3745-15-07, the owner or operator of this emissions unit shall be required to submit and implement a control program which will bring this emissions unit into compliance.