

Facility ID: 0661000031 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: 0661000031 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>
375 #/Hr Aluminum Sweating Furnace	PTI # 06-1988 OAC 3745-17-07	Emissions of particulate matter shall not exceed 2.72 lbs/hr and 11.9 tons/yr. SO2 emissions shall not exceed 0.66 lb/hr and 2.9 tons/yr. VOC emissions shall not exceed 0.45 lb/hr and 1.97 tons/yr. Visible particulate emissions from the furnace shall not exceed twenty per cent opacity, as a six-minute average, except for a period of six consecutive minutes in any sixty minutes. Visible particulate emissions shall not exceed sixty percent opacity, as a six-minute average, at any time.

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. Charging of only clean material - free of dirt, oil, paint, plastic, or rubber.
2. No more than 375 pounds of clean feed material may be fed into the furnace per hour of operation.
3. The cover of the furnace shall be closed at all times, except during charging.

C. Monitoring and/or Record Keeping Requirements

1. None

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance with the emission limitations specified in Part II, Section A.1 of this permit shall be determined as follows:

Emission rate = (emission factor, listed below) X (actual charge rate, tons per hour or tons per year)

The emission limitations specified in Part II, Section A.1 of this permit were established based on the maximum charge rate of 375 lbs feed material charged/hour.
2. The following emission factors for secondary aluminum sweating furnaces were obtained from AP-42, Fifth Edition, Table 12.8-2 (and previous factors):
 - 14.5 lb particulate matter/ton feed material charged
 - 3.5 lb sulfur dioxide/ton feed material charged
 - 2.4 lb volatile organic compounds/ton feed material charged
3. Compliance with the particulate matter emission limit of 2.72 pounds per hour shall be determined in accordance with OAC rule 3745-17-03. No testing is specifically required by this permit but, if appropriate, may be

requested pursuant to OAC rule 3745-15-04(A). Such testing may be requested at opacity levels less than those required by the visible emissions limit in Section A.1.

F. **Miscellaneous Requirements**

1. None