

Facility ID: 1652100032 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: 1652100032 Emissions Unit ID: F012 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>
shakeout of aluminum castings and sand screening, 6.5 tons of (120 Olivene) foundry casting sand/hr maximum process weight rate, particulate emissions uncontrolled and released inside building	OAC rule 3745-31-05 (PTI 16-1240)	0.80 lb/hr of particulate emissions
	OAC rule 3745-17-08	There shall be no visible particulate emissions to the ambient air via normal building ventilation.
	OAC rule 3745-17-07(B)	The casting shakeout system shall include adequate dust containment measures and shall be operated in a manner which minimizes or eliminates particulate emissions from the building. See section A.2.b below.

2. **Additional Terms and Conditions**
 - (a) The hourly mass particulate emission limitation in section A.1 of these terms and conditions is based upon the potential to emit for this emissions unit. Therefore, no recordkeeping, reporting, nor emissions calculations are necessary to demonstrate compliance with the mass particulate emissions limitation. The visible particulate emissions limitation required by OAC rule 3745-17-07(B) is less stringent than the visible particulate emissions limitation established pursuant to the best available technology requirements specified in OAC rule 3745-31-05.

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 emissions limitation in section A.1 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:

no visible particulate emissions

Applicable Compliance Method:

Compliance shall be determined by visible emission evaluations performed in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(4) and 40 CFR Part 60, Appendix A, Method 22.
Emissions Limitation:

0.80 lb/hr of particulate emissions

Applicable Compliance Method:

The above hourly mass particulate emissions limitation is based on the potential to emit, as follows:

maximum hourly process weight rate = 6.5 tons of foundry casting sand/hr

particulate emission factor = 0.123 lb of particulate emissions/ton of foundry casting sand

maximum hourly particulate emissions rate = (6.5 tons/hr)x(0.123 lb particulate emissions/ton) = 0.8 lb particulate emissions/hour

The above particulate emission factor was developed at the Akron Regional Air Quality MD based on application data.

F. Miscellaneous Requirements

1. None