

Facility ID: 1431071424 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: 1431071424 Emissions Unit ID: F003 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>
mold making - green sand area	OAC rule 3745-31-05 ( PTI 14-4296)	5.2 lbs/hr of particulates
	OAC rule 3745-17-07(B)(1)	22.6 tpy of particulates
	OAC rule 3745-17-08(B)	See A.2.a below.

**2. Additional Terms and Conditions**

- (a) Visible particulate fugitive emissions shall not exceed 20% opacity as a 3-minute average. This emissions unit shall be enclosed in a building at all times to minimize or eliminate visible particulate emissions of fugitive dust.

**B. Operational Restrictions**

1. None

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

1. The permittee shall collect and record, on a monthly basis, the following information:
  - a. the tons of production; and
  - b. the hours of operation of the emissions unit.

**D. Reporting Requirements**

1. None

**E. Testing Requirements**

1. Compliance with the emission limitations in sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:

Emission Limitations:

5.2 lbs/hr of particulates  
22.6 tpy of particulates

Applicable Compliance Methods:

Compliance with the particulate emission limitations shall be demonstrated by using emission factors from the gray iron foundries section in AP-42 as follows:

tons produced per hour X 1.1 lbs of particulates per ton produced (EF) X (1-.50 control efficiency) = lbs of particulates per hour

tons produced per year X 1.1 lbs of particulates per ton produced (EF) X (1-.50 control efficiency) / 2000 lbs/ton = tons of particulates per year

Emission Limitation:

20% opacity as a 3-minute average

Applicable Compliance Method:

OAC rule 3745-17-03(B)(3)

F. **Miscellaneous Requirements**

1. If probable cause exists indicating the emissions unit is causing or contributing to a nuisance in violation of OAC rule 3475-15-07, the permittee of this emissions unit shall be required to submit and implement a control program which will bring this emissions unit into compliance.