Facility ID: 1409040211 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: 1409040211 Emissions Unit ID: F002 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.

| Operations, Property, and/or Equipment | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|
| Casting Shakeout and Knockout | PTI 14-3687 | 0.12 LBS PM/HR and 0.53 TPY PM |
| - | OAC 3745-17-07(A)(1) | See T&C A.2.2.b |
| - | OAC 3745-17-07(B)(1) | See T&C 2.c |
| - | OAC 3745-17-08(B)(3) | See T&C a.2. 2.a |

2. **Additional Terms and Conditions**

   (a) Pursuant to OAC rule 3745-17-08(B), this emission unit shall be controlled with an enclosure which is vented to a fabric filter. This combination shall result in an overall control efficiency of at least 94% for particulate emissions.
   Pursuant to OAC rule 3745-17-07(A)(1),(A)2, visible particulate emissions from the stack of the fabric filter servicing this emissions unit shall not exceed twenty percent opacity as a six-minute average, except as specified in OAC rule 3745-17-07(A)(1).
   Pursuant to OAC rule 3745-17-07(B)(1), fugitive particulate emissions from this emission unit shall not exceed twenty percent opacity as a three-minute average.

B. **Operational Restrictions**

None

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

None

D. **Reporting Requirements**

None

E. **Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

   i. Compliance with the visible emission limitations as outlined in OAC 3745-17-07(A)(1) shall be determined by the methods outlined in OAC 3745-17-03(B)(1).

   ii. Compliance with the visible emission limitation as outlined in OAC 3745-17-07(B)(1) shall be determined by the methods outlined in OAC 3745-17-03(B)(3).

   iii. Compliance with the PM emission limitations shall be determined by multiplying the uncontrolled emission factor for shakeout (table 7.10-4 of AP-42) of 3.2 pounds of particulate per ton of metal processed by the actual tons of metal processed, divide by 2000, and assume an overall control efficiency of 94%.

F. **Miscellaneous Requirements**

None