Facility ID: 0857040034 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

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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
iron inoculation for P010 and P014 controlled with a hood, a Harzell baghouse, and a Torit baghouse	OAC rule 3745-17-08(B)	The collection efficiency shall be sufficient to minimize or eliminate visible particulate emissions. Each baghouse shall achieve an outlet emission rate of not greater than 0.030 grain per dry standard cubic foot of exhaust gases or there shall be no visible particulate emissions from the outlets, whichever is less stringent. The visible emissions of fugitive dust from any window, door, or other egress point from the pouring building shall not exceed 20% opacity as a 3-minute average.
	OAC rule 3745-17-07(B)(1)	

2. **Additional Terms and Conditions**

   (a) The permittee shall comply with the Best Management Plan (BMP) for this emissions unit submitted to the Regional Air Pollution Control Agency (RAPCA) on December 27, 1997, as may from time to time be amended with prior notification to and approval from RAPCA.

B. **Operational Restrictions**

1. The pressure drop across each baghouse shall be maintained within the range of 2 to 6 inches of water while the emissions unit is in operation, except for a brief period of time (i.e., approximately 30 minutes) after bag replacement.

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

1. The permittee shall perform daily checks while the equipment is in operation for any visible particulate emissions from each baghouse. The presence or absence of any visible emissions from each baghouse shall be noted in an operations log. If any visible emissions are observed from a baghouse, corrective actions shall be taken to eliminate the visible emissions and these actions shall also be noted in the operations log.

2. The permittee shall properly operate and maintain equipment to monitor the pressure drop across each baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse on a daily basis.

D. **Reporting Requirements**

1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across each of the baghouses did not comply with the allowable range specified above. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition 3.

1. The permittee shall submit on a semi-annual basis a report which (a) identifies all days during which any visible particulate emissions were observed from the baghouse systems while the emissions unit is in operation and (b) describes the corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted by January 31 and July 31 of each year to the Director (the appropriate Ohio EPA District Office or local air agency).

E. **Testing Requirements**

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

   0.030 gr/dscf of particulates

   Applicable Compliance Method:

   If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(7).
   Emission Limitation:

   20% opacity as a 3-minute average from any window, door, or other egress point from the pouring building

   Applicable Compliance Method:

   Compliance shall be determined by visible emission evaluations performed at any egress point of the pouring building in accordance with OAC rule 3745-17-03(B)(3) using the methods and procedures specified in USEPA Method 9.
   Emission Limitation:

   no visible emissions from the baghouse exhaust

   Applicable Compliance Method:

   Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(4) using the methods and procedures specified in USEPA Method 22.

F. **Miscellaneous Requirements**

1. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit are subject to public disclosure in accordance with OAC rule 3745-49-03.