

Facility ID: 0448010313 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: 0448010313 Emissions Unit ID: F008 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>
Vessel unloading (grain) controlled with shroud and baghouse	OAC rule 3745-31-05 (PTI 04-927) 40 CFR Part 60 Subpart DD	12.6 lbs/hr and 1.13 tons/year PM10 (see A.2.a).  Particulate matter emissions from this emissions unit shall not exceed 0.01 grain/dscf.  Visible particulate emissions from this emissions unit shall not exhibit greater than zero percent opacity as a six-minute average, except as provided by rule.
	OAC rules 3745-17-07 and 3745-17-08(B)(3)	Equally or less stringent than the above requirements.

**2. Additional Terms and Conditions**

- (a) The emission limitations in section A.1 were established during the development of the permit to install to reflect potential to emit at the maximum allowable operating rates established in section B. Therefore, it is not necessary to develop recordkeeping and reporting requirements or compliance methods for these limitations.

**B. Operational Restrictions**

1. The maximum grain throughput for this emissions unit shall not exceed the following:
  - a. 200,000 tons per calendar year; and
  - b. 1,120 tons per hour.
2. The permittee shall conduct grain unloading operations only when the unloading leg is adequately enclosed and ventilated to the control device, as required pursuant to 40 CFR Part 60.302(d).

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

1. The permittee shall maintain the following records for each day the emissions unit is in operation:
  - a. the quantity of grain unloaded in this emissions unit, in tons, during each day of operation; and
  - b. the hours of operation for this emissions unit, for each day of operation.
2. The permittee shall maintain records of the total, annual quantity of grain unloaded in this emissions unit (i.e. the sum of C.1.a for each calendar year).
3. For each day the emissions unit is in operation, the permittee shall perform daily checks for any visible particulate emissions from the fabric filter system and unloading leg shroud, while the unloading leg is in operation. The presence or absence of any visible emissions from the fabric filter system and/or unloading leg shroud shall be noted in an operations log. If any visible emissions are observed from these systems, corrective actions shall be taken to eliminate the visible emissions and these actions shall also be noted in the operations log.

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which identify any exceedance(s) of the throughput

restrictions in section B.1, above. These reports shall be submitted as specified in General Condition 3 of this permit.

2. The permittee shall submit on an annual basis a report which (a) identifies all days during which any visible particulate emissions were observed from the fabric filter control system and/or the unloading leg shroud, and (b) describes the corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted by January 31 of each year to the Director of Ohio EPA (appropriate District Office or local air agency).

**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):  
Emission Limitation -  
12.6 lbs/hr and 1.13 tons/yr PM10  
  
Applicable Compliance Method -  
If required, compliance with BAT-based limitations will be determined through calculations using the records required in section C and the equations below, where "0.011 lb PM10/ton" is the AP-42 emission factor for grain handling, modified to account for NSPS control requirements as detailed in PTI 04-927:  
  
$$\text{Hourly emissions} = (0.011 \text{ lb PM10/ton grain}) \times [(C.1.a)/(C.1.b)]$$
  
  
$$\text{Annual emissions} = (0.011 \text{ lb PM10/ton grain}) \times (C.2)$$
  
Emission Limitation -  
Zero percent opacity as a six-minute average  
  
Applicable Compliance Method -  
If required, compliance shall be demonstrated using Method 9 of 40 CFR Part 60, Appendix A.  
Emission Limitation -  
0.01 grain/dscf  
  
Applicable Compliance Method -  
If required, compliance shall be demonstrated using Methods 1-5 of 40 CFR Part 60, Appendix A, as modified pursuant to 40 CFR Parts 60.303(b) and 60.303(c).

**F. Miscellaneous Requirements**

1. None