

Facility ID: 1431072085 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: 1431072085 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F002 - Barge loading of grain	OAC rule 3745-31-05(A)(3) (PTI 14-05825)	Particulate emissions (PE) shall not exceed 19.9 pounds per hour* and 4.98 tons per year from the fabric filter exhaust vent. Particulate matter emissions 10 microns and less in diameter (PM10) shall not exceed 5.2 pounds per hour* and 1.30 tons per year from the fabric filter exhaust vent. See terms and conditions A.2.a and B.1. *The hourly emissions limitations outlined above are based upon the emissions unit's potential to emit. Therefore, no records are required to demonstrate compliance with these limitations. Visible particulate emissions from the fabric filter exhaust vent shall not exceed 10 percent opacity, as a six-minute average. Visible particulate emissions of fugitive dust shall not exceed 20 percent opacity as a three-minute average.
	OAC rule 3745-17-08(B)	The emission limitation specified by this rule is less stringent than the emissions limitation established by OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)	The emission limitation specified by this rule is less stringent than the emissions limitation established by OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(B)	The emission limitation specified by this rule is less stringent than the emissions limitation established by OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11(A)	The emissions limitation specified by this rule is less stringent than the emission limitation established by OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of an enclosed conveyor vented to a fabric filter having a particulate control efficiency of 99.0 percent, the use of dust suppressant, as necessary, to meet opacity limitations, and the annual production limitation.

B. Operational Restrictions

1. The maximum annual grain throughput for this emissions unit shall not exceed 600,000 tons per year.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the amount (tons per month and total tons, to date, for the calendar year) and type of grain processed through this emissions unit.
- D. Reporting Requirements**
1. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services which identify the amount in tons per year of each material handled in this emission unit. These reports shall be submitted by January 31 of each year.
- E. Testing Requirements**
1. Compliance with the emissions limitations in section A.1 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:
Visible particulate emissions from any stack shall not exceed 10 percent opacity as a six-minute average.

Applicable Compliance Method
If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.
 - b. Emission Limitation:
Visible particulate emissions of fugitive dust shall not exceed 20 percent opacity as a three-minute average.

Applicable Compliance Method
If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.
 - c. Emission Limitation:
Particulate emissions (PE) shall not exceed 19.9 pounds per hour and 4.98 tons per year.
Particulate matter emissions 10 microns and less in diameter (PM10) shall not exceed 5.2 pounds per hour and 1.30 tons per year.

Applicable Compliance Method
Compliance with the hourly emissions limitations shall be demonstrated by the emission factors in AP-42 Table 9.9.1-1 (revised 3/03) for grain shipping by barge, the control efficiencies and operational parameters as submitted in air permit to install (PTI) application 14-05825 received on March 13, 2006.
If required, compliance shall be determined through emissions testing performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

Compliance with the annual emissions limitations shall be demonstrated by the emission factors in AP-42 Table 9.9.1-1 (revised 3/03) for grain shipping by barge, the control efficiencies and operational parameters as submitted in air permit to install (PTI) application 14-05825 received on March 13, 2006, and the record keeping required in term and condition C.1.
 2. Compliance with the production limitation in term and condition B.1 shall be demonstrated by the record keeping in term and condition C.1.
- F. Miscellaneous Requirements**
1. None