

Facility ID: 0448011632 Issuance type: Final State Permit To Operate

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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: 0448011632 Emissions Unit ID: P901 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>
P901- Receiving, transferring and conveying; screening and cleaning for railcar, truck and ship unloading	OAC rule 3745-31-05(A)(3) (PTI 04-0978 issued 1/18/1996)	1200 pounds per day particulate emissions (PE) and 40 tons per year PE (see sections A.2.a and A.2.b)
	OAC rule 3745-17-07(A)(1)	see section A.2.f.
	OAC rule 3745-17-07(B)(1)	20 percent opacity, as a three-minute average for fugitives
	OAC rule 3745-17-08(B), (B)(3)	reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see sections A.2.c through A.2.e)
	OAC rule 3745-17-11	see section A.2.f

2. Additional Terms and Conditions

- (a) The material handling operation(s) that are covered by this permit and subject to the requirements of OAC rules 3745-17-07 and 3745-17-08 are listed below:

ship unloading
truck unloading
railcar unloading
transferring and conveying
screening and cleaning

The control equipment (fabric filter) shall achieve an outlet emission rate of not greater than 0.01 grain of particulate emissions per dry standard cubic foot of exhaust or there are no visible particulate emissions from the exhaust stack(s), whichever is less stringent.

The permittee shall employ best available control measures for the above-identified material handling operation(s) for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to perform the following control measure(s) to ensure compliance:

- material handling operation(s) --control measure(s)
- ship unloading -- minimize drop height; adequate enclosure
- truck unloading -- minimize drop height and adequate enclosure
- railcar unloading -- minimize drop height and adequate enclosure
- transferring and conveying -- adequate enclosure and/or vent to fabric filter
- screening and cleaning -- full enclosure and/or vent to fabric filter

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

For each material handling operation that is not adequately enclosed, the above-identified control measure(s) shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) is (are) necessary to

ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during the operation of the material handling operation(s) until further observation confirms that use of the control measure(s) is unnecessary.

Implementation of the above-mentioned control measure(s) in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-17-08 and OAC rule 3745-31-05(A)(3).

The emission limitation specified in this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

B. Operational Restrictions

1. The total throughput of this source shall not exceed 200,000 tons per rolling, 365 day period.
2. This facility shall be limited to unloading one ship per day. The shipping year shall consist of the time period from approximately April 1 to December 1 of each calendar year.
3. The permittee shall operate the fabric filter associated with each process comprising this emissions unit whenever the respective process is in operation.

C. Monitoring and/or Record Keeping Requirements

1. Except as otherwise provided in this section, for material handling operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies on each day the operation is in use:

material handling operation(s) minimum inspection frequency

ship unloading daily
 truck unloading daily
 railcar unloading daily
 transferring and conveying daily
 screening and cleaning daily

2. The above-mentioned inspections shall be performed during representative, normal operating conditions.
3. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
 - c. the dates the control measure(s) was (were) implemented; and
 - d. on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.
 - e. the daily amount of grain processed, and the rolling, 365 day total amount of material processed.

The information in 3.d. shall be kept separately for each material handling operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

4. The permittee shall maintain daily records that document any time periods when a fabric filter was not in service when the associated process(es) was (were) in operation.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency; and
 - b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.
3. The permittee shall notify the Administrator (the Toledo Division of Environmental Services (TDES)) within 30 days of any exceedance during which the throughput exceeded the rolling, 365-day limit of 200,000 tons per year as specified in section B.1. and/or an exceedance of the hourly unloading rates as stated in section B.1. of this permit.
4. The permittee shall notify the Administrator (TDES) in writing of any daily record showing that the fabric filter was not in service when the associated material handling operation was in operation. The notification shall include a copy of such record and shall be sent to the Administrator (TDES) on a semi-annual basis.

E. Testing Requirements

1. Compliance with the emission limitation in Section A.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:
 Emission Limitations:
 20 percent opacity, as a three minute average as fugitives

Applicable Compliance Method:

Compliance with the visible emission limitation for the material handling operations identified above shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

Emission Limitations:
 1200 pounds per day of particulate emissions (PE)
 40.0 tons per year PE

Applicable Compliance Method:

This emission limitation was developed by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. Compliance with the fugitive PE limitations shall be determined by using the emission factors in section 9.9.1, Table 9.9.1-1 in Compliance of Air Pollution Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 4/03), for grain elevators, multiplied by the throughput (annually or hourly) and considering the control efficiency for each type of unloading for trucks, railcar or ship.

Emission Limitations:

The control equipment shall achieve an outlet emission rate of not greater than 0.01 grain of particulate emissions per dry standard cubic foot of exhaust gases from any stack

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(7).

Emission Limitations:

no visible emissions from the exhaust stack

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 and the procedures specified in OAC rule 3745-17-03(B)(4).

F. Miscellaneous Requirements

1. None