

Facility ID: 0306010059 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: 0306010059 Emissions Unit ID: F001 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>
grain elevator operations: grain receiving [truck dump pits #1 and #2 (14,000 bushels/hr total capacity)]; 16,500 bushel/hr transferring and conveying operations; and 6000 bushel/hr screening and cleaning operations	OAC rule 3745-31-05(A)(3) (PTI 03-13341 issued April 10, 2001)	control requirements (See A.2.a) grain receiving- dump pit #1: 0.56 ton/year fugitive particulate emissions (PE) grain receiving- dump pit #2: 0.34 ton/year fugitive PE Visible emissions of fugitive dust shall not exceed 5% opacity, as a six-minute average (grain receiving). transferring and conveying: 0.02 ton/year fugitive PE Visible emissions of fugitive dust shall not exceed 0% opacity, as a six-minute average (transferring and conveying). screening and cleaning: 0.004 ton/year fugitive PE Visible emissions of fugitive dust shall not exceed 0% opacity, as a six-minute average (screening and cleaning). See A.2.b. See A.2.c.
	OAC rule 3745-17-08(A) OAC rule 3745-17-07(B)	

2. Additional Terms and Conditions

- (a) "Best Available Technology" (BAT) control requirements for this emissions unit has been determined to be the following:
 - i. use of 3-sided enclosure on grain dump pit #2; and
 - ii use of total enclosures around material transferring, conveying, screening, and cleaning operations.

Note: Dump pit #1 was installed in 1975 with no additional BAT requirements other than the emission limitation.
This facility is not located within an "Appendix A" area identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B).
This emissions unit is exempt from the visible emissions limitation specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e).

B. Operational Restrictions

1. The maximum annual grain throughput for this emissions unit shall not exceed 80,412 tons of grain. This

restriction is based on a maximum annual grain throughput of 32,165 tons for dump pit #1 and 48,247 tons for dump pit #2.

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) of grain received in:
 - a. dump pit #1;
 - b. dump pit #2; and
 - c. total grain received (sum of C.1.a. and C.1.b.).
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the grain receiving stations and from transferring and conveying operations. The presence or absence of any visible fugitive emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. for grain receiving stations
 - i. the location and color of the emissions;
 - ii. whether the emissions are representative of normal operations;
 - iii. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - iv. the total duration of any visible emission incident; and,
 - v. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (iv.) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.
 - b. for transferring and conveying:
 - i. the color of the emissions;
 - ii. the total duration of any visible emission incident; and,
 - iii. any corrective actions taken to eliminate the visible emissions.

D. Reporting Requirements

1. The permittee shall submit to the Director (the Ohio EPA, Northwest District Office) annual reports of the total grain throughput for this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
2. The permittee shall submit semiannual written reports that (a) identify all days during which any visible fugitive particulate emissions were observed from the grain receiving stations, transferring, and conveying operations and (b) describe any corrective actions taken to minimize or eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

E. Testing Requirements

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

Emission Limitation:
(grain receiving- dump pit #1)
0.56 tons fugitive PE/year

Applicable Compliance Method:
The annual fugitive PE limitation represents the potential to emit for dump pit #1 based on a maximum grain throughput of 32,165 tons/year and the appropriate emission factor from AP-42 Table 9.9.1-1 (revised 5/98). Compliance with the emissions limitation shall be demonstrated by multiplying the actual annual grain throughput (See C.1) and the appropriate AP-42 emission factor from AP-42 Table 9.9.1-1 (revised 5/98).

Emission Limitation:
(grain receiving- dump pit #2)
0.34 tons fugitive PE/year

Applicable Compliance Method:
The annual fugitive PE limitation represents the potential to emit for dump pit #2 based on a maximum grain throughput of 48,247 tons/year and the appropriate emission factor from AP-42 Table 9.9.1-1 (revised 5/98). Compliance with the emissions limitation shall be demonstrated by multiplying the actual annual grain throughput (See C.1) and the appropriate AP-42 emission factor from AP-42 Table 9.9.1-1 (revised 5/98).

Emission Limitation:
(transferring and conveying)
0.02 tons fugitive PE/year

Applicable Compliance Method:
The annual fugitive PE limitation represents the potential to emit for the emission unit based on a maximum grain throughput of 80,412 tons/year and the appropriate emission factor from AP-42 Table 9.9.1-1 (revised 5/98). Compliance with the emissions limitation shall be demonstrated by multiplying the actual annual grain throughput (See C.1) and the appropriate AP-42 emission factor from AP-42 Table 9.9.1-1 (revised 5/98).

Emission Limitation:
(screening and cleaning)
0.004 tons fugitive PE/year

Applicable Compliance Method:

The annual fugitive PE limitation represents the potential to emit for the emission unit based on a maximum grain throughput of 80,412 tons/year and the appropriate emission factor from AP-42 Table 9.9.1-1 (revised 5/98). Compliance with the emissions limitation shall be demonstrated by multiplying the actual annual grain throughput (See C.1) and the appropriate AP-42 emission factor from AP-42 Table 9.9.1-1 (revised 5/98).

Emission Limitation:

(grain receiving- dump pit #1, dump pit #2)

Visible fugitive PE shall not exceed 5% opacity, as a six-minute average.

Applicable Compliance Method:

Compliance with the visible fugitive PE limitation shall be determined in accordance with the test methods and procedures in 40 CFR Part 60, Appendix A, Method 9.

Emission Limitation:

(transferring and conveying, and screening and cleaning)

Visible fugitive PE shall not exceed 0% opacity, as a six-minute average.

Applicable Compliance Method:

Compliance with the visible fugitive PE limitation shall be determined in accordance with the test methods and procedures in 40 CFR Part 60, Appendix A, Method 9.

F. Miscellaneous Requirements

1. None