

ADDITIONAL SPECIAL TERMS AND CONDITIONS

INTRODUCTION: The permittee modified the existing truck grain receiving operation consisting of 2 receiving stations, transfer/conveying and screening and/or cleaning (F001) and the truck/rail grain loadout operation consisting of a truck/rail loadout station (F002) without first applying for and obtaining a PTI. PTI application No. 03-11339 was submitted to correct this permitting deficiency.

A. APPLICABLE EMISSION LIMITATIONS AND/OR CONTROL REQUIREMENTS

1. The permittee shall apply oil on all grain received at the facility. The oil application rate shall be sufficient to minimize and/or eliminate the emissions of fugitive particulate emissions (PE).

B. OPERATIONAL RESTRICTIONS

1. The maximum annual grain throughput rate for emissions units F001 and F002 shall not exceed 5,000,000 bushels per emissions unit.

C. MONITORING AND/OR RECORD KEEPING REQUIREMENTS

1. The permittee shall maintain separate monthly records of the grain throughput for emissions units F001 and F002.
2. The permittee shall maintain monthly records of the following information for emissions unit F001:
 - a. the amount of oil consumed; and,
 - b. all periods of time when oil was not applied, the reasons why and the corrective action taken.
3. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings, if a strip-chart recorder is employed, for continuous monitoring instrumentation, and copies of all reports required by the permit. Such records may be maintained in computerized form.

D. REPORTING REQUIREMENTS

1. The permittee shall submit annual written reports of (i) any deviations

(excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures which have been or will be taken, to the appropriate Ohio EPA district office or local air agency. If no deviations occurred during a calendar year, an annual report shall be submitted which states that no deviations occurred during that reporting period. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

E. TESTING REQUIREMENTS/COMPLIANCE METHODS REQUIREMENTS

1. Compliance Methods Requirements: Compliance with the emission limitation(s) established in the Air Emission Summary section of this permit shall be determined in accordance with the following method(s):

a. Emission Limitation: F001 receiving - 3.38 tons fugitive PE/year

Applicable Compliance Method: The annual fugitive PE limitation represents the emissions unit's potential to emit based on a maximum grain throughput of 150,000 tons/year, the appropriate emission factor from AP-42 Table 9.9.1-1 (revised 5/98) and the estimated control efficiency provided by the 3-sided enclosure (75 percent). Therefore, no annual record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation. The permittee may calculate the actual annual fugitive PE emission rate from this unit utilizing the appropriate AP-42 emission factor from Table 9.9.1-1 (revised 5/98), the actual annual throughput and the estimated control efficiency provided by the 3-sided enclosure (75 percent).

b. Emission Limitation: F001 receiving - visible fugitive PE shall not exceed 20% opacity, as a 3-minute average, except as otherwise provided by rule

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

c. Emission Limitation: F001 transfer and conveying - 4.58 tons fugitive PE/year

Applicable Compliance Method: The annual fugitive PE limitation

represents the emissions unit's potential to emit based on a maximum grain throughput of 150,000 tons/year and the appropriate emission factor from AP-42 Table 9.9.1-1 (revised 5/98). Therefore, no annual record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation. The permittee may calculate the actual annual fugitive PE emission rate from this unit utilizing the appropriate AP-42 emission factor from Table 9.9.1-1 (revised 5/98) and the actual annual throughput.

- d. Emission Limitation: F001 transfer and conveying - visible fugitive PE shall not exceed 0% opacity, as a 6-minute average

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

- e. Emission Limitation: F001 screening and/or cleaning - 5.62 tons PE/year

Applicable Compliance Method: The annual fugitive PE limitation represents the emissions unit's potential to emit based on a maximum grain throughput of 150,000 tons/year and the appropriate emission factor from AP-42 Table 9.9.1-1 (revised 5/98). Therefore, no annual record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation. The permittee may calculate the actual annual fugitive PE emission rate from this unit utilizing the appropriate AP-42 emission factor from Table 9.9.1-1 (revised 5/98) and the actual annual throughput.

- f. Emission Limitation: F001 screening and/or cleaning - 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 USEPA Method 9, which is located in 40 CFR Part 60, Appendix A.

- g. Emission Limitation: F002 loadout - 1.61 tons fugitive PE/year

Applicable Compliance Method: The annual fugitive PE limitation represents the emissions unit's potential to emit based on a maximum grain throughput of 150,000 tons/year, the appropriate

emission factor from AP-42 Table 9.9.1-1 (revised 5/98) and the estimated control efficiency provided by the 3-sided enclosure (75 percent). Therefore, no annual record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation. The permittee may calculate the actual annual fugitive PE emission rate from this unit utilizing the appropriate AP-42 emission factor from Table 9.9.1-1 (revised 5/98), the actual annual throughput and the estimated control efficiency provided by the 3-sided enclosure (75 percent).

- h. Emission Limitation: F002 loadout - visible fugitive PE shall not exceed 5% opacity, as a 6-minute average during railcar loading and 10% opacity, as a 6-minute average, during truck loading

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

F. MISCELLANEOUS REQUIREMENTS

None