

Facility ID: 0514000018 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: 0514000018 Emissions Unit ID: P901 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>
P901 - Column Grain Dryer	OAC rule 3745-31-05(A)(3) (PTI 05-5956)	The overall particulate emissions including fugitive emissions from the processing of grain in this emissions unit shall not exceed 8.8 tons/year. The requirements of this rule also include compliance with 3745-17-07(A) and (B) See sections B.1 through B.5.
	OAC rule 3745-17-07(A)	Visible emissions shall not exceed 20% opacity, as a six-minute average.
	OAC rule 3745-17-07(B)	Visible emissions of fugitive dust shall not exceed 20% opacity, as a three-minute average.
	OAC rule 3745-17-08(B)	See section A.2.b.

2. Additional Terms and Conditions

- (a) The "Best Available Technology" (BAT) control requirement for this emissions unit has been determined to be the application of mineral oil for fugitive dust control and compliance with the terms and conditions of this permit.
The permittee is not located within an "Appendix A" area as 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).

B. Operational Restrictions

1. The maximum throughput for this emissions unit shall not exceed 117,368 tons per rolling 12-month period.
2. The permittee shall burn only natural gas in the column dryer.
3. This emissions unit shall be equipped with a settling chamber, which is maintained in a manner to minimize or eliminate the release of air contaminants.
4. This emissions unit shall be equipped with a column plate with perforations not to exceed 0.094 inch in diameter.
5. The operation of this source shall not exceed 2952 hours between October 1st to January 31st, and 500 hours between February 1st to September 30th.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day this emissions unit is in operation:
 - a. The amount of grain processed, in tons;
 - b. The date of the weekly maintenance on settling chamber;
 - c. The type of fuel used in the grain dryer; and
 - d. The total hours of operation.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify the following information:
 - a. all 12-month period exceedances of the 117,368 tons of grain limitation; and
 - b. all periods in which fuel other than natural gas was employed in the grain dryer.

The permittee shall submit quarterly deviation (excursion) reports in accordance with the dates specified in Part I - General Terms and Conditions of this permit.

E. Testing Requirements

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

Emission Limitation:

The overall particulate emissions including fugitive emissions shall not exceed 8.8 tons year.

The above emission limitation was established based on the following equation:

$$\text{AER} = \{(\text{Gt} \times \text{EF}) \times (1 - \text{Cf})\} / 2000 \text{ lbs/ton}$$

where:

AER = Allowable Emission Rate, tons/ rolling 12-month rolling period;

Gt = Grain throughput limitation, in tons per rolling 12-month period, (117,368);

EF = Emission factor, in lbs of particulate emissions /ton of grain processed, (0.5, RACM Table 2.6-1); and

Cf = Control efficiency, in percent (%) reduced, (70%, assumed as best estimate).

Applicable Compliance Method:

Compliance is assured by the records keeping in Section C.1. and maintaining the grain throughput below the 117, 368 ton rolling 12-month limitation.

Emission Limitation:

Visible PE shall not exceed 20% opacity as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be determined in accordance with Test Method 9 as set forth in 40 CFR Part 60 (Appendix on Test Methods).

Emission Limitation:

Visible fugitive PE shall not exceed 20% opacity as a 3-minute average.

Applicable Compliance Method:

If required, compliance shall be determined in accordance with Test Method 9 as set forth in 40 CFR Part 60 (Appendix on Test Methods).

F. Miscellaneous Requirements

1. None