

Facility ID: 1667060042 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: 1667060042 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 - grain feed mill consisting of a grain elevator, corn cracker, surge hopper, mixer, pelletizing line, hammer mill, roller mill and packing.	OAC rule 3745-31-05(A)(3) PTI # 16-02435	The visible particulate emissions(PE) of fugitive dust shall not exceed 10% opacity as a three-minute average from any of the fugitive dust generating equipment. Visible PE shall not exceed 10% opacity, as a six minuteaverage, from the cyclone serving the corn cracker, micro hand add & micro area, pellet cooler. The PE* combined(Stack and Fugitive) shall not exceed 2.90 pounds per hour, nor 12.70 tons per year. Estimated 50% of PE emissions are PM10
	OAC rule 3745-17-07(A)	See 2.c below
	OAC rule 3745-17-11(B)	See 2.d below
	OAC rule 3745-17-07(B)	See 2.e below
	OAC rule 3745-17-08(B)	See 2.e below

2. Additional Terms and Conditions

- (a) The baghouse shall achieve an outlet emission rate of not greater than .030 grain of particulate emissions per dry standard cubic foot of exhaust gases or there are no visible particulate emissions from the exhaust stack(s), whichever is less stringent.
The Permittee install and use hoods, fans, and other equipment to adequately enclose, contain, capture, vent and control the fugitive dust. The collection efficiency shall be sufficient to minimize or eliminate visible particulate emissions of fugitive dust at the point(s) of capture to the extent possible with good engineering design;
the visible PE specified by this rule are equal to or less stringent than the requirements of OAC rule 3745-31-05(A)(3)
The emission limitation/control requirements established by this rule are equal to or less stringent than the emission limitation/control requirements established pursuant to OAC rule 3745-31-05(A)(3)
The emissions unit is located at a grain elevator having a permanent storage capacity of less than 2.5 million bushels. Therefore the requirements of OAC rule 3745-17-08(B) do not apply to this emissions unit pursuant to OAC rule 3745-17-08(A)(3)(a).

Also the emission unit is exempt from the visible particulate emissions limitations specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(d).

B. Operational Restrictions

1. The permittee shall operate the dust evacuation/collection system and control devices whenever this emissions unit is in operation.
2. The pressure drop across the baghouse shall be maintained within the range of 5.0 and 6.0 inches of water while the emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit. 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. the location and color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions
 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 stack (s) serving this emissions unit. The presence or absence of any visible 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. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
 3. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.
- D. Reporting Requirements**
1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify that all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above. The quarterly deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions of this permit.
 2. The permittee shall submit semiannual written reports that (a) identify all days during which any visible fugitive particulate emissions were observed from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the Akron RAQMD) by January 31 and July 31 of each year and shall cover the previous 6-month period.
 3. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack (s) serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Akron RAQMD) 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 limitation(s) in Section A.1 of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitations:
2.90 pounds PE/hour

Applicable Compliance Method:
The permittee may determine compliance with the hourly allowable PE limitation above by multiplying the maximum throughput (tons/hour) by the emission factor from AP-42, Table 9.9.1-1 and 1-2 (revised 11/95).

If required, the permittee shall demonstrate compliance in accordance with Methods 1 - 5 of 40 CFR Part 60, Appendix A.

Emission Limitation:
Visible emissions of fugitive dust shall not exceed 10 percent opacity as a three minute average.

Applicable Compliance Method:
If required, the permittee shall demonstrate compliance with the visible emissions limitation above in accordance with Method 9 of 40 CFR Part 60, Appendix A.

Emission Limitation:
Visible emissions of fugitive dust shall not exceed 10 percent opacity as a three minute average.

Applicable Compliance Method:
If required, the permittee shall demonstrate compliance with the visible emissions limitation above in accordance with Method 9 of 40 CFR Part 60, Appendix A.

Emission Limitation:
.030 grain of particulate emissions per dry standard cubic foot of exhaust gases or there are no visible particulate emissions from the exhaust stack(s), whichever is less stringent

Applicable Compliance Method:
If required, the permittee shall demonstrate compliance in accordance with Methods 1 - 5 of 40 CFR Part 60, Appendix A.
- F. Miscellaneous Requirements**

1. None