

Facility ID: 0514000034 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: 0514000034 Emissions Unit ID: P021 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>
(P021) - Monolithic dry blender 2, including mixer, paper shredder, dust collector.	OAC rule 3745-31-05(A)(3) and PTI 05-14432	Particulate emissions (PE) shall not exceed 10.0 lbs per hour.
	OAC rule 3745-17-07(A)(1)	The visible particulate emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.
	OAC rule 3745-17-07(B)(1)	The visible particulate emissions from any fugitive dust source shall not exceed 20 percent opacity, as a three-minute average.
	OAC rule 3745-17-08(B)	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 emission unit is exempt from the requirements of OAC rule 3745-17-08(B).

2. **Additional Terms and Conditions**
 - (a) The annual potential particulate emissions (PE) of 43.8 tons per year was established by multiplying the maximum potential to emit hourly of 10 pounds per hour by 8760 hours and then dividing the sum by 2000. Based on the information available, the 43.8 tons of PE potential increase at this facility will not trigger any Federal Air pollution thresholds. Therefore, it is not necessary to establish record keeping and reporting requirements to ensure compliance with the annual potential PE limitation.

B. Operational Restrictions

1. This emissions unit shall not be operated without the dust collectors in operation.

C. Monitoring and/or Record Keeping Requirements

1. The pressure drop across the dust collection system shall be maintained within the range of 2 to 10 inches of water while this emissions unit is in operation.

The permittee shall properly operate, and maintain equipment to monitor the pressure drop across the dust collection system while the emissions unit is in operation. The monitoring equipment shall be calibrated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the dust collection system once each operating day.
2. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible PE from the stack and for any visible fugitive PE from the egress points (ie., building windows, doors, roof monitors, etc.) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operational log. If visible emissions are observed, the permittee shall also note the following in the operational log:
 - a. the color of the emissions;
 - b. the total duration of any visible emission incident; and
 - c. any corrective actions taken to eliminate the visible emissions.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify the all periods of time in which this emissions unit was in operation and the pressure drop across the dust collection system did not comply with the

allowable range.

These quarterly deviation reports are due by the dates specified in Part I - General Terms and Conditions A.1.

2. The permittee shall submit semiannual written reports that:

- a. identify all days during which any visible PE were observed from any stack serving this emissions unit;
- b. identify all days during which any visible fugitive PE were observed from any egress point (i.e., building windows, doors, roof monitors, etc...) serving this emissions unit; and
- c. describe the corrective actions taken to eliminate the visible PE.

These reports shall be submitted to the Ohio EPA, Southwest District Office 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.1 of these terms and conditions shall be determined in accordance with the following method:

Emission Limitation:

The particulate emissions (PE) from this emissions unit shall not exceed 10.0 pounds per hour based on the following calculation.

$$E = (W)(F)(1-CE)$$

where

E = emissions

W = weight of solids charged (12,619 lbs/hour)

F = emission factor (2%)

CE = control efficiency (96%)

If required, compliance with the PE limitations shall be demonstrated through an emissions source test performed in accordance with the requirements of 40 CFR Part 60, Appendix A, Methods 1 - 5.

Emission Limitation:

The visible particulate emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

Compliance with the visible particulate emission limitations shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

Emission Limitation:

The visible particulate emissions from any fugitive dust source shall not exceed 20 percent opacity, as a three-minute average.

Applicable Compliance Method:

Compliance with the visible particulate emission limitations shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

F. Miscellaneous Requirements

1. None