

Facility ID: 0250000797 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.

100 ton bin vent dust collector: 2 to 8 inches of water column

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across each dust collector while the associated emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each dust collector on a daily basis.

D. Reporting Requirements

1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across each dust collector did not comply with the allowable range specified above.

These reports shall be submitted in accordance with the General Terms and Conditions of this permit.

If no deviations occurred during a calendar quarter, a deviation report must still be submitted indicating this.

E. Testing Requirements

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

Emission Limitation:

Particulate emissions from the Young dust collector stack shall not exceed 0.75 lb/hr.

Applicable Compliance Method:

Stack testing was performed on October 23, 1997 indicating an actual emission rate of 0.11 lb/hr. No further stack testing is required at this time but may be requested by Ohio EPA if visible emissions are observed in the future.

Emission Limitation:

Particulate emissions from the Young dust collector stack and the 125 ton bin vent dust collector stack shall not exceed 0.022 gr/dscf of total exhaust gases.

Applicable Compliance Method:

This facility is currently processing alumina trihydrate which does not meet the definition of nonmetallic mineral in Subpart 000. If the company begins to process gypsum or any other material that meets this definition of nonmetallic mineral, stack testing shall be performed as outlined in E.2. below.

Emission Limitation:

Visible particulate emissions from the Young dust collector stack and the 125 ton storage bin dust collector stack shall not exceed seven (7) percent opacity, as a six-minute average.

Applicable Compliance Method:

If required, visible emission observations shall be performed in accordance with Method 9 of 40 CFR, Part 60, Appendix A. If nonmetallic minerals are processed, these observations shall be made in conjunction with stack testing as outlined in E.2. below.

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements if any nonmetallic minerals (as that term is defined in 40 CFR, Part 60, Subpart 000) are processed in this emissions unit:

a. The emission testing shall be conducted within 45 days after processing any nonmetallic minerals.

b. The emission testing shall be conducted to demonstrate compliance with the mass emission limit for particulate emissions and to determine the visible particulate emissions for the Young dust collector and the 125 ton bin vent dust collector. The testing shall be performed while processing the same nonmetallic mineral material that triggered this testing requirement.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Methods 1 through 5 and Method 9 of 40 CFR Part 60, Appendix A. These methods shall be used in accordance with the testing requirements specified in 40 CFR, Part 60, Subpart 000.

d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Northeast District Office.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Northeast District Office within 30 days following completion of the test(s).

F. Miscellaneous Requirements

1. Pursuant to 40 CFR, Part 60, Subpart 000, the permittee shall submit a report containing the following information for the 125 ton storage bin by the dates listed below:

a. construction date (by the date the source becomes subject to Subpart 000);

b. anticipated date when a nonmetallic mineral will be processed subjecting the emissions unit to Subpart 000 (not more than 60 days or less than 30 days prior to the anticipated date);

c. actual date when a nonmetallic mineral is first processed (within 15 days after such date); and

d. date of performance testing (at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P.O. Box 163669
Columbus, Ohio 43216-3669

and

Ohio EPA Northeast District Office - DAPC
2110 East Aurora Road
Twinsburg, Ohio 44087