

Facility ID: 0514010170 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: 0514010170 Emissions Unit ID: F002 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> |
|--|---|---|
| F002 - Mineral Extraction: Overburden Removal and Blasting | OAC rule 3745-31-05(A)(3) (PTI 05-12556) | 7.2 tons per year of particulate emissions(PE) |
| | OAC rule 3745-17-08(B)(6) | See A.2.a., A.2.b., and A.2.c. Source is not located in an appendix A area; therefore, no applicable requirements are established. |

2. Additional Terms and Conditions

- (a) The permittee shall conduct operations in a manner that reduces the disturbance of the land surface area during overburden and mineral removal operations so as to minimize the generation of fugitive particulate emissions.
The permittee shall reclaim disturbed area with vegetation as expeditiously as possible to reduce erosion and the generation of fugitive emissions. The facility shall make available to Ohio EPA the plan developed for the Ohio Department of Natural Resources to reclaim disturbed land.
The permittee shall reduce the drop height of loading operations into haul vehicles and prevent the overloading of haul vehicles to control the generation of fugitive emissions. If needed, the permittee shall cover the loads to control excessive fugitive emissions.

B. Operational Restrictions

1. The maximum number of blasts completed at the facility shall not exceed 150 per calendar year.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain annual records of the number of blasts completed at the facility.
2. The permittee shall maintain annual records of the area, in acres, stripped for overburden activities.
3. The permittee shall maintain annual records of the quantity, in acres, of land reclaimed per year.

D. Reporting Requirements

1. The permittee shall submit annual reports that identify any exceedances of the annual blasting rate limitation for the facility, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

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(s):
 - a. Emission Limitation-
7.2 tons per year of particulate emissions(PE)
 - Applicable Compliance Method-
Compliance with the tons per year particulate emissions shall be determined by multiplying the emissions factor identified below by the recordkeeping requirement in Section c.
 - Source Emissions Factor

Blasting 49.8 lbs of PE/blast; RACM Table 2.1.4-4
Loading Operations 0.00021 lb of PE/ton; AP-42, Fifth Edition, Table 11-19.2-2 (9/85) *

Reclamation Operations 0.04 lb of PE/ton; AP-42, Fifth Edition, Table 11.9-4 (10/98)
Overburden Removal 20.2 lbs of PE/VMT; AP-42, Fifth Edition, Table 13.2.3.1 (1/95)

* AP-42 Factors have been adjusted to reflect total particulate emissions (PE)

F. **Miscellaneous Requirements**

1. None