

Facility ID: 1409010914 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: 1409010914 Emissions Unit ID: P903 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>
portable concrete batch plant - unloading to cement / flyash silos w/fabric filter	OAC rule 3745-31-05(A)(3) (PTI 14-05221)	1.22 lbs/hr PM/PM10 1.02 TPY PM/PM10
	OAC rule 3745-17-07(A)(1) OAC rule 3745-17-11(B)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1). See term A.2.2.b. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
cement, flyash and sand and aggregate weigh hopper loading w/fabric filter	OAC rule 3745-31-05(A)(3) (PTI 14-05221)	1.47 lbs/hr PM/PM10 1.22 TPY PM/PM10
	OAC rule 3745-17-07(A)(1) OAC rule 3745-17-07(B)(1) OAC rule 3745-17-08(B)(3) OAC rule 3745-17-11(B)	See term A.2.d. and A.2.f.  The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1) & (B)(1) and OAC rule 3745-17-08(B)(1)&(3). See term A.2.b See term A.2.c 0.030 grain of PM/dscf from the fabric filter outlet The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-31-05(A)(3) (PTI 14-05221)	0.87 lb/hr PM/PM10 0.73 TPY PM/PM10
	OAC rule 3745-17-07(A)(1) OAC rule 3745-17-07(B)(1) OAC rule 3745-17-08(B)(3) OAC rule 3745-17-11(B)	See term A.2.e.  The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A)(1) &(B)(1) and OAC rule 3745-17-08(B)(1)&(3) See term A.2.b See term A.2.c 0.030 grain of PM/dscf from the fabric filter outlet The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
transit mix truck loading w/fabric filter	OAC rule 3745-31-05(A)(3) (PTI 14-05221)	0.87 lb/hr PM/PM10 0.73 TPY PM/PM10
sand/aggregate transfer to elevated bins	OAC rule 3745-31-05(A)(3) (PTI 14-05221)	3.23 lbs/hr PM/PM10 2.69 TPY PM/PM10
		See term A.2.a

OAC rule 3745-17-07(B)(1)

OAC rule 33745-17-08(B)

The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B)(1). See term A.2.c

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**

- (a) Sand and aggregate shall be maintained in a moist condition in order to minimize or eliminate visible emissions of fugitive dust.  
 Visible particulate emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.  
 Visible particulate emissions of fugitive dust from any fugitive dust emissions point shall not exceed twenty percent (20%) opacity as a three-minute average.  
 The cement/flyash weigh hopper shall be partially enclosed and vented to a fabric filter with a 95% control efficiency.  
 The transit mix truck loading station shall be partially enclosed and vented to a fabric filter with a 95% control efficiency.  
 The sand/aggregate weigh hopper shall be partially enclosed in order to minimize or eliminate visible emissions of fugitive dust.  
 The hourly emission limitations outlined above are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with these limits.  
 Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by partial enclosure of the transit mix truck loading station and sand and aggregate weigh hopper, the use of a fabric filter, visible emission limitations and production limits.

B. **Operational Restrictions**

1. The maximum concrete production rate for this emissions unit shall not exceed 500,000 tons per year.

C. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain monthly records of the amount of concrete produced in this emissions unit.

D. **Reporting Requirements**

1. The permittee shall submit annual reports that identify any exceedances of the annual production rate limitation, 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 and production limitations in Section A.1. and A.2. of these terms and conditions shall be determined in accordance with the following methods:
- Compliance with the OAC rule 3745-17-07(A)(1) shall be determined by the method specified in 40 CFR Part 60, Appendix A, Method 9.
    - Compliance with the OAC rule 3745-17-07(B)(1) shall be determined by the method specified in 40 CFR Part 60, Appendix A, Method 9.
  - Compliance with the particulate emissions limitations in term A.1. above shall be determined by using the applicable emission factors from AP-42 11.12 (1/95).
  - Compliance with the production limitation in term B.1. shall be determined by the records maintained pursuant to term C.1.

F. **Miscellaneous Requirements**

1. Notice to Relocate a Portable or Mobile Source

Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

- The portable emissions unit is equipped with the best available control technology for such portable emissions unit;
- The portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);
- The applicant has provided proper notice of intent to relocate the portable emissions unit to the Department of Environmental Services and the appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and
- In the Department of Environmental Services and the appropriate field office's judgement, the proposed site is acceptable under rule 3745-15-07 of the Administrative Code.  
 In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:
  - The portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;
  - The portable emissions unit is equipped with best available technology;
  - The portable emission unit owner has identified the proposed site to the Ohio EPA;
  - The Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
    - A public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county

where the proposed site is located;

- j. The owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to this proposed site; and
  - k. The portable emissions unit owner has provided the Ohio EPA with fifteen days written notice of the relocation.
2. Any site approvals issued by the Ohio EPA, pursuant to F.1. above, shall be valid for no longer than three years and are subject to renewal.

In order for the Department of Environmental Services and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the Department of Environmental Services (250 William Howard Taft Road, Cincinnati, OH 45219) and the appropriate field office having jurisdiction over the new site.

Upon receipt of the notice, the Department of Environmental Services and/or appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive the Ohio EPA's approval prior to relocation of the emissions unit may result in fines and civil penalties.