

Facility ID: 1409040837 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: 1409040837 Emissions Unit ID: P015 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>
air mixer with cover and fabric filter	OAC rule 3745-31-05(A)(3) (PTI 14-4676)	0.94 lb of organic compound (OC) emissions/hr 22.5 lbs of OC emissions/day 4.1 tons per year (TPY) of OC emissions  0.25 lb of particulate emissions (PE)/hr* 1.1 TPY of PE*
		* All PE are considered to be particulate matter emissions with a diameter of ten microns or less (PM10).
		See Sections A.2 and B.1 below.
	OAC rule 3745-17-07(A)(1)	Visible PE from this emissions unit shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.
	OAC rule 3745-17-11(B)(1)	The hourly PE limitation specified by this rule is less stringent than that established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-21-07(G)(2)	The hourly and daily OC emission limitations specified in this rule are less stringent than those established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**
  - (a) The hourly, daily, and annual OC emission limitations and hourly and annual PE limitations specified in Section A.1 are based upon the emissions unit's potential to emit. Therefore, no hourly, daily, or annual records are required to demonstrate compliance with these emission limitations. This emissions unit shall be equipped and operated with a fabric filter and tightly-fitted covers for control of PE and OC emissions.

**B. Operational Restrictions**

1. None

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

1. The permittee shall perform weekly inspections, when the emissions unit is in operation and when the weather conditions allow, for any visible PE from this emissions unit. The presence or absence of any visible PE shall be noted in an operations log. If visible PE 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 abnormal visible emission incident; and
  - e. any corrective actions taken to eliminate the abnormal visible emissions.

**D. Reporting Requirements**

1. The permittee shall submit semiannual written reports that (a) identify all days during which any abnormal visible PE were observed from the emissions unit and (b) describe any corrective actions taken to eliminate the abnormal visible PE. These reports shall be submitted to the Hamilton County Department of Environmental Services 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 specified in Section A.1 shall be determined in accordance with the following methods:  
Emission Limitation: 0.94 lb of OC emissions/hr  
  
Applicable Compliance Method: No compliance is necessary since the hourly OC emission limitation is based on the emissions unit's potential to emit and was established by multiplying the maximum hourly solvent usage rate (94 lbs/hr) by an emission factor of 1 lb of OC emissions/100 lbs of organic solvents used (i.e., 0.01) from AP-42, Chapter 6.4, 5th Edition (revised 5/83).  
Emission Limitation: 22.5 lbs of OC emissions/day  
  
Applicable Compliance Method: Compliance with the daily OC emission limitation is ensured if compliance is maintained with the hourly OC emission limitation [the daily OC emission limitation was calculated by multiplying the hourly OC emission limitation (0.94 lb of OC/hr) by 24 hours/day].  
Emission Limitation: 4.1 TPY of OC emissions  
  
Applicable Compliance Method: Compliance with the annual OC emission limitation is ensured if compliance is maintained with the hourly OC emission limitation [the annual OC emission limitation was calculated by multiplying the hourly OC emission limitation (0.94 lb of OC/hr) by 8,760 hrs/year and dividing by 2,000 lbs/ton].  
Emission Limitation: 0.25 lb of PE/hr  
  
Applicable Compliance Method: No compliance method is necessary since the hourly PE limitation is based on the emissions unit's potential to emit and compliance was established by multiplying the maximum hourly pigment usage rate (25 lbs/hr) by an emission factor of 1 lb of PE/100 lbs of pigment used (i.e., 0.01) from AP-42, Chapter 6.4, 5th Edition (revised 5/83).  
Emission Limitation: 1.1 TPY of PE  
  
Applicable Compliance Method: Compliance with the annual PE limitation is ensured if compliance is maintained with the hourly PE limitation (the annual PE limitation was calculated by multiplying the hourly PE limitation by 8,760 hrs/year and dividing by 2,000 lbs/ton).  
Emission Limitation: Visible PE 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 PE limitation shall be determined by the method specified in 40 CFR, Part 60, Appendix A, Test Method 9 pursuant to OAC rule 3745-17-03(B)(1).
- F. Miscellaneous Requirements**
1. None