

Facility ID: 1409000807 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: 1409000807 Emissions Unit ID: L003 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>
Controlled emulsion cold cleaner	OAC rule 3745-31-05 See F.	0.95 LBS VOC/hr, 4.2 TPY VOC
	OAC rule 3745-21-09(O)(2) See F.	See B. below. VOC control measures are the same as the BAT control measures above.

2. **Additional Terms and Conditions**
None

B. Operational Restrictions

1. The permittee shall employ a cover, and if the solvent has a vapor pressure greater than 0.3 pound per square inch absolute, measured at 100 degrees Fahrenheit or, if the solvent is heated or agitated, the cover shall be designed and constructed so that it can be easily operated with one hand.
2. The permittee shall employ a device for draining the cleaned parts; and if the solvent has a vapor pressure greater than 0.6 pound per square inch absolute, measured at 100 degrees Fahrenheit, the drainage facility shall be constructed internally so that parts are enclosed under the cover during draining, unless an internal type drainage device cannot fit into the cleaning system.
3. The permittee shall employ one of the following devices, if the solvent vapor pressure is greater than 0.6 pound per square inch absolute measured at 100 degrees Fahrenheit, or if the solvent is heated above 120 degrees Fahrenheit:
 - a. freeboard that gives a freeboard ratio greater than or equal to 0.7;
 - b. water cover (solvent must be insoluble in and heavier than water); or
 - c. other systems of equivalent control, such as refrigerated chiller or carbon adsorption, approved by the Director.
4. The permittee shall operate and maintain this emissions unit in accordance with the following practices to minimize solvent evaporation:
 - a. Provide a permanent, legible, conspicuous label, summarizing the operating requirements.
 - b. Store waste solvent in covered containers.
 - c. Close the cover whenever parts are not being handled in the cleaner.
 - d. Drain the cleaned parts until dripping ceases.
 - e. If used, supply a solvent spray that is a solid fluid stream (not a fine, atomized, or shower-type spray) at a pressure that does not exceed 10 pounds per square inch gauge.
 - f. Clean only materials that are neither porous nor absorbent.

C. Monitoring and/or Record Keeping Requirements

1. This permittee shall maintain daily records of the following information:
 - a. The name and identification of each solvent employed.
 - b. The vapor pressure of each solvent, in pounds per square inch absolute, measured at 100 degrees Fahrenheit.
 - c. The VOC content of each solvent employed, in lbs/gallon.
 - d. The amount of solvent employed, in gallons .
 - e. The VOC emissions from each solvent, i.e., (c)(d), in pounds.
 - f. The VOC emissions from this emissions unit, i.e., the sum of (e) for all solvents employed, in pounds.
 - g. The number of hours of operation.
 - h. The average hourly VOC emissions rate, i.e., (f)/(g), in pounds per hour.
2. This permittee shall maintain monthly records of the following information:
 - a. The amount of solvent employed, in gallons.
 - b. The VOC content of the solvent employed, in pounds per gallon.
 - c. The number of hours the emissions unit operated that month.

In addition, at the end of each calender year, the permittee shall calculate the following:

 - i. The VOC emissions calculated by taking the total of (a) times (b) for each month, in pounds per year.
 - ii. The VOC emissions in tons per year, calculated by dividing (i) by 2000 (lb/ton).
 - iii. The total number of hours the emissions unit was in operation during the calender year, calculated by adding (c) for each calender month.
 - iv. The average hourly VOC emissions rate calculated by dividing (i) by (iii), in pounds per hour.

D. Reporting Requirements

1. The permittee shall notify the Director in writing of any daily record which shows an exceedances of the vapor pressure limit and/or the hourly VOC emission limit. A copy of each such record shall be sent to the Director within 30 days of the exceedance.

E. Testing Requirements

1. USEPA Method 24 shall be used to determine the VOC content of each solvent employed in this emissions unit.
2. Compliance with the vapor pressure limit and the hourly VOC emission limit shall be demonstrated by the record keeping requirements in section C.1. of this permit.

F. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install number 14-3544 as issued on 01/11/95:

Part II, Special Terms and Conditions: A-E.