

Facility ID: 1413020282 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: 1413020282 Emissions Unit ID: L001 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>
Photopolymer washout unit	OAC rule 3745-31-05 (PTI 14-3839)	74.3 lbs/day of VOC 0.97 ton/month of VOC 11.6 TPY of VOC See section A.2. below.
	40 CFR, Part 63, Subpart T	See section B.2 below.
	OAC rule 3745-21-09(O)	Less stringent than the requirements established in accordance with OAC rule 3745-31-05.

2. Additional Terms and Conditions

- (a) The actual emissions of hazardous air pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs. Compliance with the above limitations shall be determined on a rolling, 12-month summation.
The permittee shall not employ solvents with a VOC content greater than 13.5 pounds per gallon of solvent (based upon on a daily volume-weighted average).
The cold solvent cleaning machine shall employ a tightly fitting cover over the solvent sump that shall be closed at all times except during the cleaning of parts.

B. Operational Restrictions

1. The maximum solvent usage shall not exceed 5.5 gallons per day, 143 gallons per month, and 1716 gallons per year.
2. The permittee shall comply with the following work and operational practice requirements:
 - a. All waste solvent shall be collected and stored in closed containers. The closed container may contain a device that allows pressure relief, but such device shall not allow liquid solvent to drain from the container.
 - b. If a flexible hose or flushing device is used, flushing shall be performed only within the freeboard area of the solvent cleaning machine.
 - c. The permittee shall drain solvent cleaned parts for 15 seconds or until dripping has stopped, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while draining.
 - d. The permittee shall ensure that the solvent level does not exceed the fill line.
 - e. Spills during solvent transfer shall be wiped up immediately. The wipe rags shall be stored in covered containers meeting the requirements of paragraph (2) (a) above.
 - f. When an air- or pump-agitated solvent bath is used, the permittee shall ensure that the agitator is operated to produce a rolling motion of the solvent, but not observable splashing against tank walls or parts being cleaned.
 - g. The permittee shall ensure that, when the cover is open, the cold cleaning machine is not exposed to drafts greater than 40 meters per minute (132 feet per minute), as measured between 1 and 2 meters (3.3 and 6.6 feet) upwind and at the same elevation as the tank lip.
 - h. Sponges, fabric, wood, and paper products shall not be cleaned.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records which list the following information for this emissions unit:
 - a. the company identification of each solvent employed;
 - b. the number of gallons of each solvent employed;
 - c. the total number of gallons of solvent employed;
 - d. the VOC content of each solvent employed, in pounds of VOC per gallon of solvent;
 - e. the VOC emission rate, in tons per month (summation of $b \times d/2000$ for each solvent);
 - f. the number of days of operation; and
 - g. the average VOC emission rate, in pounds per day ($2000 \times e/f$).
 2. The permittee shall record the total annual VOC emissions from all solvents employed, in tons (summation of C.1.e. for the calendar year).
 3. The permittee shall record the total annual solvent usage (summation of C.1.c. for the calendar year).
 4. The permittee shall collect and record the following information each month for the entire facility:
 - a. the name and identification of each cleaning solvent or coating employed;
 - b. the individual HAP content for each HAP of each cleaning solvent or coating, in pounds of individual HAP per gallon of cleaning solvent or coating, as applied;
 - c. the total combined HAPs content of each cleaning solvent or coating, in pounds of combined HAPs per gallon of cleaning solvent or coating, as applied [sum all the individual HAP contents from (b) for each cleaning solvent or coating];
 - d. the number of gallons of each cleaning solvent or coating employed;
 - e. the total individual HAP emissions for each HAP from all cleaning solvents and coatings employed, in tons per month [for each HAP the sum of (b) times (d) for each cleaning solvent and coating, divided by 2000 lbs/ton];
 - f. the total combined HAPs emissions from all cleaning solvents or coatings employed, in tons per month [the sum of (c) times (d) for each cleaning solvent and coating, divided by 2000 lbs/ton];
 - g. the updated rolling, 12-month summation for individual HAP emissions for each HAP, in tons (this shall include the information for the current month and the preceding eleven calendar months); and
 - h. the updated rolling, 12-month summation for total combined HAPs emissions, in tons (this shall include the information for the current month and the preceding eleven calendar months).

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Hamilton County Department of Environmental Services. This information does not have to be kept on a line-by-line basis.
 5. The permittee shall maintain daily records which list the following information for this emissions unit:
 - a. the company identification of each solvent employed;
 - b. the number of gallons of each solvent employed;
 - c. the total number of gallons of solvent employed;
 - d. the VOC content of each solvent employed, in pounds of VOC per gallon of solvent; and
 - e. the VOC content of all solvents employed, as a daily, volume-weighted average, in pounds of VOC per gallon of solvent.
- D. Reporting Requirements**
1. The permittee shall notify the Hamilton County Department of Environmental Services of any exceedance of the daily and/or monthly emission or usage limit(s), or the VOC content limit specified above. The notification and a copy of the record showing the exceedance shall be submitted within thirty (30) days after the exceedance occurs.
 2. The permittee shall submit annual reports which specify the total VOC emissions and solvent usage for this emissions unit and the individual and combined HAP emissions from the facility for the previous calendar year. These reports shall be submitted by January 31 of each year.
- E. Testing Requirements**
1. Compliance with the daily, monthly and annual emission limitations and usage limitations shall be determined by the record keeping in Section C.
- F. Miscellaneous Requirements**
1. None