

Facility ID: 0855130435 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: 0855130435 Emissions Unit ID: P001 Issuance type: Final State Permit To Operate

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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>
Drum Emptying, Cleaning, and Refilling	OAC rule 3745-31-05 PTI 08-3226 OAC rule 3745-21-09(O)(2)	0.55 ton/month and 6.60 TPY organic compounds See B.6. through B.9. below

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. The maximum monthly loading operations production rate shall not exceed 181,000 gallons of fresh solvent.
2. The maximum monthly emptying operations production rate shall not exceed 151,600 gallons of spent solvent.
3. The maximum monthly production rate for the washing of 16 gallon drums shall not exceed 4,972 drums.
4. The maximum monthly production rate for the washing of 30 gallon drums shall not exceed 7,459 drums.
5. The vent hatches on the tanker shall be closed when spent solvent is not being loaded.
6. The permittee shall equip the cold cleaner with 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.
7. The cold cleaner shall be equipped with 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.
8. If the solvent has a vapor pressure 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 ratio of greater than or equal to 0.7 shall be maintained.
9. The cold cleaner shall be operated and maintained in accordance with the following practices to minimize solvent evaporation from the unit:
 - 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.
 - g. Clean only materials that are neither porous nor absorbent.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The size and number of containers washed.
 - b. The number of gallons of solvent loaded.
 - c. The number of gallons of solvent emptied.
 - d. The types of solvents employed in the cold cleaner.
 - e. The vapor pressure of each solvent, in pound per square inch absolute, measured at 100 degrees Fahrenheit.
 - f. The density of each solvent, in pounds per gallon.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports which identify any exceedances of the monthly solvent usage limitations. These quarterly deviation reports shall be submitted in accordance with paragraph 3 of the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation -
0.55 ton OC/month

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in C.1. and shall determined by the following:

- (i) Multiply the total number of gallons loaded into containers by the ENSR emission factor of 0.194 lb OC/1000 gallons.
- (ii) Multiply the total number of gallons of spent solvent emptied from containers by the solvent density of 6.7 lbs/gallon divided by 2000 lbs/ton and then multiplying by the emission factor of 1.01 lbs/ton from AP-42 Table 4.7-1.
- (iii) Multiply the number of 16 gallon drums washed for the month by the ENSR emission factor of 0.0225 lbs/drum.
- (iv) Multiply the number of 30 gallon drums washed for the month by the ENSR emission factor of 0.0582 lbs/drum.
- (v) The monthly OC emission rate shall be the sum of the products from (i) through (iv).

Emission Limitation -

6.6 TPY Organic Compounds

Applicable Compliance Method -

Compliance shall be the sum of the 12 monthly organic compound emission rates for the calendar year.

F. Miscellaneous Requirements

1. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit are subject to public disclosure in accordance with OAC rule 3745-49-03.