

Facility ID: 0125042129 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: 0125042129 Emissions Unit ID: D001 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>
Dry cleaning operation ( 3 petroleum solvent washers, 11 gas-fired dryers with water-cooled condensers)	OAC rule 3745-31-05(A)(3) (PTI 01-4979)	Organic compound (OC) emissions shall not exceed 39.6 pounds per hour and 29.24 tons per year. See sections A.2.a, B.2 and B.3 below.
	OAC rule 3745-21-09(BB) 40CFR60 Subpart JJJ	The requirements of this rule also include compliance with requirements of OAC rule 3745-21-09(BB). See section A.2.b, A.2.c, A.2.d and A.2.e below. See section B.1 below.

### 2. Additional Terms and Conditions

- (a) The hourly and annual OC emissions limitations for these emissions unit were established to reflect the maximum potential to emit. Therefore, it is not necessary to develop additional monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.
 

The solvent filter is a cartridge filter which is drained for at least eight hours in its sealed housing before removal of any cartridge.

Any bucket or barrel which contains petroleum solvent or petroleum solvent laden waste shall be covered to minimize solvent evaporation.

Any equipment associated with the use of petroleum solvent shall be visually inspected weekly to identify any liquid leaks of petroleum solvent.

Any liquid or vapor leak of petroleum solvent shall be repaired within 15 days after identifying the source of the leak, unless a necessary repair part is not on hand. If a repair part is not on hand, it shall be ordered within 3 working days after identifying the source of the leak. The leak shall be repaired within 15 days following the delivery of the necessary repair part.

### B. Operational Restrictions

1. The dryer is a solvent recovery dryer which is operated in a manner such that the dryer remains closed and the solvent recovery phase continues until a final recovered solvent flow rate of 1.7 ounces per minute (fifty milliliters per minute) or less is attained.
2. This facility shall not run more than 2,167 loads during any calendar month.
3. The cool down cycle time for each dryer shall not exceed 10 minutes

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

1. The permittee shall collect and record the results of weekly leak checks, including, at a minimum, the following information for this emissions unit:
  - a. date of inspection;
  - b. findings (may indicate no leaks discovered or location, nature, and severity of each leak);
  - c. leak determination method;
  - d. corrective action (date each leak repaired and reasons for any repair interval in excess of 15 calendar days);
  - and
  - e. inspector's name and signature.
2. The permittee shall collect and record the following information for this emissions unit on a monthly basis:
  - a. the number of loads dried during each monthly period; and
  - b. the number of loads dried in which the cool down cycle exceeded 10 minutes.

**D. Reporting Requirements**

1. The permittee shall provide a report to the Ohio EPA, Central District Office of any leaks in vapor or liquid lines not repaired within 15 days after identification shall be reported within 30 days after the repair is completed.
2. The permittee shall submit deviation (excursion) reports with any exceedance of the operating restrictions set forth in sections A.2.b, A.2.d, A.2.e, B.2 and B.3 that occurred during the previous three calendar months (January 1 through March 31, April 1 through June 30, July 1 through September 30, and October 1 through December 31).

These reports shall be submitted by April 15, July 15, October 15, and February 15 of each year and shall provide a summary of the record keeping required by sections C.1 and/or C.2 for each reported exceedance.

**E. Testing Requirements**

1. Compliance with the emission limitation in Section A.1. of these terms and conditions shall be determined in accordance with the following method:

Emission Limitation:  
OC emissions shall not exceed 39.6 pounds per hour.

**Applicable Compliance Method:**

The hourly emission rate was derived using an AP-42 emission factor of 2.8 lbs OC/100 lbs laundry (SCC 4-01-001-02) multiplied times 1,100 pounds of laundry per hour plus 46.1 ml/min-dryer multiplied times 10 min/hr multiplied times 0.787 gm/ml multiplied times 1 lb/454 gm multiplied times 11 dryers equal 39.6 pounds OC/hr.

Emission Limitation:  
OC emissions shall not exceed 29.24 tons per year.

**Applicable Compliance Method:**

The annual emission rate was derived using an AP-42 emission factor of 2.8 lbs OC/100 lbs laundry (SCC 4-01-001-02) multiplied times 2,100,000 pounds of laundry per year multiplied times 1 ton/2,000 lbs equal 29.24 tons OC/yr.

**F. Miscellaneous Requirements**

1. None