

Facility ID: 0204030411 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: 0204030411 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>
Forenta D345 closed loop with reffridgerated condensor	3745-31-05 3745-21-09 (AA) 40 CFR 63 SubpartM	Use of reffridgerated condenser with monitored outlet temperature of 45 degrees Fahrenheit during cool down cycle, in accordance with 40 CFR 63 Subpart M.

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**2. Additional Terms and Conditions**

- (a) In accordance with OAC rule 3745-21-09(AA)(1)(a), any dryer which contains articles cleaned in perchloroethylene is to be equipped with or vented to a refrigerated vapor condenser whereby there is no exhaust of perchloroethylene vapors to the ambient air throughout the drying cycle, except for when the dryer's door is momentarily opened during loading or unloading.

**B. Operational Restrictions**

1. Solvent Still Operation
 

Pursuant to OAC rule 3745-21-09(AA)(1)(c), the waste from any distillation operation (solvent still) which has been used to distill perchloroethylene is to contain no more than 60% by weight VOC as determined in accordance with OAC rule 3745-21-10(J).
2. Filter Cartridge Requirements
 

In accordance with OAC rule 3745-21-09(AA)(1)(d), any disposable filter cartridge which has been used to filter perchloroethylene is to be drained in the filter housing for at least 24 hours before being discarded. Waste containing perchloroethylene shall be stored in tightly sealed containers while awaiting disposal.

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

1. Leaking Equipment and Monitoring
 

A weekly leak detection and repair program to inspect all dry cleaning equipment for leaks that are obvious from sight, smell, or touch shall be conducted. Pursuant to OAC rule 3745-21-09(AA)(1)(e), any equipment found to be leaking perchloroethylene liquid or vapor is not to be operated until the leak is repaired. Leaks are to be repaired within 24 hours after being found, or repair parts ordered within 2 working days after detecting a leak that needs repair parts. Repair parts shall be installed within 5 working days after they are received.

In accordance with OAC rule 3745-21-09(AA)(3), compliance with this requirement shall be determined through visual inspection of the following components:

  - (a) Hose Connections, Unions, Couplings, and Valves;
  - (b) Machine Door Gaskets and Seatings;
  - (c) Filter Head Gasket and Seating;
  - (d) Pumps;
  - (e) Base Tanks and Storage Containers;
  - (f) Water Separators;

- (g) Filter Sludge Recovery;
  - (h) Distillation Valves;
  - (i) Diverter Valves;
  - (j) Saturated Lint from Lint Basket;
  - (k) Cartridge Filters and Housing;
  - (l) Muck Cookers;
  - (m) Stills; and
  - (n) Exhaust Dampers.
2. Recordkeeping Requirements
- This facility shall maintain receipts of perchloroethylene purchases and a log of the following information on site for 5 years:
- (a) Volume of perchloroethylene purchased each month by this facility. If none was purchased during a given month, enter zero gallons in the log.
  - (b) Calculation and result of the yearly perchloroethylene purchased (in gallons), as determined on the first day of each month. This calculation is performed by adding the amount of all the perchloroethylene purchased in each of the previous twelve months. If none was purchased in any one month, then the calculation is performed by adding the zero gallon amount (which indicates that no purchases were made for that month) to the amount of perchloroethylene purchased each month of the previous 12 months.
  - (c) Dates and results of weekly dry cleaning system components leak inspections and the name of the system component or location of any detected leaks.
  - (d) Dates of repair and records of written or verbal orders for repair parts.
  - (e) A record of control equipment maintenance, such as replacement of the carbon in a carbon absorber.
  - (f) The results of all tests of the solvent content of the solvent still waste.
  - (g) The annual amount of fabric dry cleaned with perchloroethylene, in pounds.
  - (h) The operation and maintenance manuals for all dry cleaning equipment in the plant.
  - (i) Dates and records of all liquid and solid disposals.  
These records shall be made available to the Director or any authorized representative of the Director for review, upon request.
- D. Reporting Requirements**
1. Data Reporting Requirement
- This facility shall submit annual reports containing the data in Part II C.2 to the Northeast District Office of the Ohio EPA at 2110 E. Aurora Rd., Twinsburg Ohio 44087. These reports shall be submitted by February 15 of each year and shall cover the previous calendar year.
2. NESHAP Reporting and Compliance Requirements
- This facility shall comply with process control requirements of 40 CFR, Part 63, Subpart M by September 23, 1996 and shall submit the required compliance report to USEPA and Ohio EPA by October 22, 1996. This report shall certify compliance with the applicable control requirements. Two copies of these reports shall be sent to Ohio EPA, one report to the Northeast District Office of the Ohio EPA and the second report to the Agency's Central Office at the following address:
- Attention: Safaa El-Oraby  
Ohio EPA, DAPC-AQM&P  
Post Office Box 163669  
Columbus, Ohio 43216-3669
- E. Testing Requirements**
1. NESHAP Control Equipment Requirement
- This facility shall perform weekly monitoring tests to show that the temperature on the outlet side of the refrigerated condenser is less than or equal to 45 degrees Fahrenheit to an accuracy of (+) or (-) 2 degrees Fahrenheit. If this condition is not met, within 24 hours the equipment shall be shutdown until repaired.
- F. Miscellaneous Requirements**
1. No Objectionable Odors Requirement
- This emissions unit shall not cause an odor nuisance in violation of OAC rule 3745-15-07.
2. Storage, Treatment, Transport, and Disposal of Wastes Requirement
- The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of this emissions unit.