

Facility ID: 1431254010 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: 1431254010 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> |
|--|--------------------------------------|--|
| D002 - New Midwest petroleum dry to dry cleaning machine | OAC rule 3745-31-05 (A)(3)(b) | See term A.2.a. |
| | OAC rule 3745-21-09(AA) | See terms A.I.2.b and A.II. 1-4. |
| | 40 CFR Part 63, Subparts A & M | See terms A.I.2.a, A.I.2.c and A.II. 5-10 |
| | OAC rule 3745-21-09(BB) | See Sections B.1, C.1 - C.2, and D.1 - D.2. |

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

B. Operational Restrictions

1. Pursuant to OAC rule 3745-21-09(BB)(1)(c), any bucket or barrel that contains petroleum solvent or petroleum solvent-laden waste shall be covered to minimize solvent evaporation.

C. Monitoring and/or Record Keeping Requirements

1. Pursuant to OAC rule 3745-21-09(BB)(1)(d) and (e), 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 fifteen (15) days after the leak is identified. If a repair is not on hand, the part shall be ordered within three (3) working days after the leak is identified. Within fifteen (15) days following the delivery of the ordered part, the leak shall be repaired.
2. Beginning no later than July 28, 2008, the components listed in Section A.III.1 shall be inspected monthly for vapor leaks using a halogenated hydrocarbon detector or PCE gas analyzer. The inspections shall be done while the components are in operation. The analyzer shall be operated according to the manufacturer's instructions. Specifically, the operator shall place the probe inlet at the surface of each component interface where leakage could occur and move it slowly along the interface of the periphery. The week in which a monthly inspection is performed using a halogenated hydrocarbon detector or PCE gas analyzer shall satisfy the requirements for the weekly visual inspection for perceptible leaks for that same week as required in Section A.III.1.
Pursuant to OAC rule 3745-21-09(BB)(4)(a) and (b)(iv), the permittee shall maintain the following records, in a readily accessible location, for at least five (5) years and shall make these records available to the Director, upon verbal or written request.

The permittee shall maintain results of all weekly leak checks, including, at a minimum, the following:

- a. date of inspection;
 - b. findings (indicate if no leak is discovered or location, nature and severity of each leak);
 - c. leak determination method;
 - d. corrective action (date each leak is repaired and reasons for any repair interval in excess of fifteen calendar days); and
 - e. inspector's name and signature.
3. The following parameters, as applicable, shall be monitored on a weekly basis:
 - a. The refrigeration system high pressure and low pressure during the drying phase to determine if they are in the range specified in the manufacturer's operating instructions.
 - b. If the machine is not equipped with refrigeration system pressure gauges, the temperature of the air-

perchloroethylene gas-vapor stream on the outlet side of the refrigerated condenser shall be measured weekly with a temperature sensor. The temperature sensor shall be used according to the manufacturer's instructions and shall be designed to measure a temperature of 45 degrees Fahrenheit to an accuracy of plus or minus 2 degrees Fahrenheit. If the outlet temperature is higher than 45 degrees Fahrenheit, prior to the end of the cool-down or drying cycle, while the gas-vapor stream is flowing through the condenser, adjustments or repairs shall be made to lower the outlet temperature to less than or equal to 45 degrees Fahrenheit. Repair parts shall be ordered within two (2) working days after detecting a violation that needs repair parts. Repair parts shall be installed within five (5) working days after they are received.

The permittee shall monitor and record the annual petroleum solvent consumption in gallons. The permittee shall maintain the annual consumption records, in a readily accessible location, for at least five (5) years and shall make the records available to the Director, or a representative of the Director, upon verbal or written request.

4. The following records shall be kept on site in a log for a period of not less than five (5) years, and shall be made available upon request:
 - a. Receipts of all perchloroethylene purchases.
 - b. The volume of perchloroethylene purchased each month as recorded from perchloroethylene purchase receipts. If no perchloroethylene is purchased during a given month, then the records shall state zero gallons.
 - c. The calculation and result of the yearly perchloroethylene consumption (12-month rolling summation) determined on the first day of each month.
 - d. The dates of all weekly visual inspections and monthly vapor leak inspections conducted with the use of a halogenated hydrocarbon detector or PCE gas analyzer and the name or location of dry cleaning system components where leaks are detected.
 - e. The dates of repair and records of written or verbal orders for repair parts.
 - f. The date and temperature sensor monitoring results, as required in Section A.III.3 above.
 - g. A description of control equipment maintenance performed and the date.
 - h. The amount of fabric dry cleaned with perchloroethylene, from January 1 to December 31 of each year, in pounds.
 5. A copy of the design specifications and the operating manuals for each dry-cleaning system and each emission control device located at the dry cleaning facility shall be retained on site and shall be made available upon request.
- D. Reporting Requirements**
1. Pursuant to OAC rule 3475-21-09(BB)(5)(b), the permittee shall report to the Hamilton County Department of Environmental Services ("HAMCO") any leaks in vapor or liquid lines that are not repaired within fifteen (15) days of discovery. The report shall be received within thirty (30) days after the repair is completed.
 2. The permittee shall submit written notification to HAMCO of any annual consumption of petroleum solvent greater than 4700 gallons. The notice shall be submitted to HAMCO within thirty days of the permittee's discovery of the occurrence.
- E. Testing Requirements**
1. None
- F. Miscellaneous Requirements**
1. None