

Facility ID: 0857043034 Issuance type: Final State Permit To Operate

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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: 0857043034 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 with Petroleum Stoddard Solvent; 3 dry-to-dry machines, washer/extractor and solvent reclaimer; 13,000 gal. storage tanks (2); 5,000 gal. waste sludge storage tank (1); distillation units (3) | OAC rule 3745-31-05 PTI 08-3812 NSPS 40 CFR Part 60 Subpart JJJ and OAC rule 3745-21-09(BB) | See A.2.a,b and c below The requirements based on these rules are equivalent to those established pursuant to OAC rule 3745-31-05. |

2. Additional Terms and Conditions

- (a) The maximum annual solvent usage for this emissions unit shall not exceed 28,648 gallons, based upon a rolling, 12-month summation of the solvent usage figures.
The maximum volatile organic compound (VOC) emissions from this emissions unit shall not exceed 92 tons, based upon a rolling, 12-month summation of the VOC emission rate figures.
In accordance with 40 CFR 60.624 and OAC rule 3745-21-09(BB)(1)(a)(i), each solvent recovery dryer shall be operated in a manner such that the dryer remains closed and the solvent recovery phase continues until a final recovered solvent flow rate of 0.05 liters per minute (1.7 ounces per minute) or less is attained.

B. Operational Restrictions

1. There shall be no open containers with solvent or waste containing solvent.
2. Any equipment associated with the use of petroleum solvent shall be visually inspected weekly to identify liquid leaks of petroleum solvent. [OAC rule 21-09(BB)(1)(d)]
3. Any liquid or vapor leak of petroleum solvent shall be repaired within fifteen (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 fifteen (15) days following the delivery of the necessary repair part.

C. Monitoring and/or Record Keeping Requirements

1. This facility shall retain the leak inspection and leak repair cycle information in the operating manual provided by the manufacturer and shall post said information on a clearly visible label on each dryer. Such information should state:

To protect against fire hazards, loss of valuable solvents, and emissions of solvent to the atmosphere, periodic inspection of this equipment for evidence of leaks and prompt repair of any leaks is recommended. The USEPA recommends that the equipment be inspected every fifteen (15) days, and all vapor or liquid leaks be repaired within the subsequent fifteen (15) day period." (40 CFR 60.622)
2. The permittee shall maintain a record of the performance test. (40 CFR 60.625)
3. The permittee shall maintain records of inspections and maintenance.
4. The permittee shall maintain records of solvent usage. At least once per month, the permittee shall read and record the solvent level on each storage tank. The permittee shall also record the date and amount of solvent added to the 13,000 gallon tanks from outside the dry cleaning system.
5. The permittee shall install, operate and maintain equipment (gauge or other device) for each storage tank (each 13,000 gallon solvent tank and each dry cleaning machine solvent tank) that indicates the amount of solvent in

each tank at any time.

6. The permittee shall maintain records of each shipment, gallons of solvent received and the VOC content, lbs/gal.
7. The permittee shall maintain monthly records of the following information:
 - a. the amount (gals.) of solvent usage;
 - b. the rolling 12-month summation of solvent usage (gals.);
 - c. the calculated VOC emission rate, in pounds or tons; and
 - d. the rolling 12-month summation of the VOC emissions, in pounds or tons.

(reference Sections E.1.b, E.1.c, and E.2.)

D. Reporting Requirements

1. In accordance with paragraph 3 of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
 - a. the rolling, 12-month annual solvent usage limit;
 - b. the rolling, 12-month annual emissions limit.
2. The permittee shall submit semi-annual reports to RAPCA summarizing the monthly solvent usage amounts determined according to Section E.2.
3. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission and solvent usage limitations in section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation-
0.05 liters/minute solvent flow rate or less

Applicable Compliance Method-
Compliance shall be based on testing in accordance with paragraph (N) of OAC rule 3745-21-10 and 40 CFR 60.624.

Emission Limitation-
92 tons VOC/yr, as a rolling 12-month summation

Applicable Compliance Method-
Compliance shall be determined by multiplying the monthly solvent usage, as specified in Section E.2., by a maximum VOC content of 6.42 lbs/gallon, and summing the resulting pounds of emissions for each 12-month period, dividing by 2000 lbs/ton.

Usage Limitation-
28,648 gals./yr of solvent, as a rolling 12-month summation

Applicable Compliance Method-
Compliance shall be based upon the record keeping specified in Section C.4., determination of the monthly solvent usage, as specified in Section E.2., and summation of the solvent usage figures for each 12-month period.
2. The amount of solvent used for the time period is equal to the combined difference between the storage tank readings and the amount of solvent added to the 13,000 gallon tanks, minus the amount (gals.) of solvent removed from the system in the distillation waste.

F. Miscellaneous Requirements

1. None