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Facility Name: **New York Cleaners**

Application Number: **01-7407**

Date: **October 7, 1998**

GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCES

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as

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an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

PUBLIC DISCLOSURE

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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BEST AVAILABLE TECHNOLOGY

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be filed no later than thirty days after commencement of operation.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws and regulations.

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **New York Cleaners** located in **Franklin** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
D001	Miraclean rock 35 dry-to-dry perchloro-ethylene machine with refrigerated condenser	Use of refrigerated condenser and compliance with applicable rules and recordkeeping requirements.	3745-31-05 3745-21-09 (AA) 40 CFR 63 Subpart A, M	0.675 ton perchloro-ethylene/year, perchloro-ethylene consumption shall be less than 100 gallons per rolling 12-month period, and see Additional Special Terms and Conditions.

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

Pollutant

VOC

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Tons/Year

0.675

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Ohio EPA, Central District Office, 3232 Alum Creek Drive, Columbus, OH 43207-3417.**

WASTE DISPOSAL

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 the sources.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Ohio EPA, Central District Office, 3232 Alum Creek Drive, Columbus, OH 43207-3417.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be

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accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Operational Restrictions

1. The outlet gas-vapor stream temperature of the condenser shall be a maximum of 45 degrees.
2. The permittee shall not employ more than 100 gallons of perchloroethylene in any 12-month period.
3. The waste from any diatomaceous earth filter which has been used to filter perchloroethylene shall contain no more than 25 percent by weight VOC, as determined under paragraph (J) of OAC rule 3745-21-10.
4. The waste from any distillation operation (solvent still) which has been used to distill perchloroethylene shall contain no more than 60 percent by weight VOC, as determined under paragraph (J) of OAC rule 3745-21-10.
5. Any disposable filter cartridge which has been used to filter perchloroethylene shall be drained in the filter housing for at least 24 hours before being discarded.
6. All equipment must be maintained so as to prevent the leaking of perchloroethylene liquid and prevent perceptible vapor leaks from gaskets, seals, ducts, and related equipment. Any equipment which is leaking perchloroethylene liquid or has a perceptible vapor leak shall not be operated until the leak is repaired.
7. The owner or operator shall store all perchloroethylene and wastes that contain perchloroethylene in solvent tanks or solvent containers with no perceptible leaks.

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8. The door of each dry cleaning machine shall be closed at all times except to transfer articles to and from the machine.
9. The dry cleaning machine shall be operated and maintained according to manufacturer's specifications and recommendations.
10. Perchloroethylene shall not be vented or released to the atmosphere while the dry cleaning machine drum is rotating.
11. The machine shall be operated with a diverter valve to prevent air drawn into the dry cleaning machine (when the machine door is open) from passing through the refrigerated condenser.

B. Recordkeeping and/or Monitoring Requirements

1. A 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 40 CFR Part 63 Subpart M, compliance with this requirement shall be determined through a biweekly visual inspection of the following components while the dry cleaning system is operating:
 - a. hose and pipe connections, unions, coupling and valves;
 - b. machine door gaskets and seatings;
 - c. filter head gaskets and seatings;
 - d. pumps;
 - e. solvent tanks and containers;
 - f. water separators;
 - g. filter sludge recovery;
 - h. distillation valves;

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- i. diverter valves;
 - j. saturated lint from the lint basket;
 - k. cartridge filters and housings;
 - l. muck cookers;
 - m. stills; and,
 - n. exhaust dampers.
2. The permittee shall retain receipts of perchloroethylene purchases and the following information on site for five 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 (in gallons) purchased to be 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 twelve months. If none was purchased in any one month, then the calculation is performed by adding zero gallon amount (which indicates that no purchases were made for that month) to the amounts of perchloroethylene purchased each month of the previous 12 months;
 - c. dates and results of biweekly 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 adsorption unit;
 - f. the results of all tests of the solvent content of

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the solvent still waste;

- g. the annual amount of fabric dry cleaned with perchloroethylene, in pounds; and,
- h. the operation and maintenance manuals for all dry cleaning equipment in the plant.

These records shall be made available to the Director or any authorized representative of the Director for review during normal operating hours. This facility shall submit annual reports containing the above records to the Ohio EPA, Central District Office. These reports shall be submitted by February 15 of each year and shall cover the previous calendar year.

C. Reporting Requirements

- 1. If the yearly perchloroethylene solvent consumption limit of 100 gallons is exceeded by the rolling annual perchloroethylene consumption calculation required by the recordkeeping requirements section of this permit, then the permittee shall submit a signed statement as required by 40 CFR 63.324(c).
- 2. The permittee shall notify the Director (the Ohio EPA, Central District Office) in writing of any record from Section C.2.1.iii. showing that the perchloroethylene usage limitation specified in Section A.1. was exceeded. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Central District Office) within 45 days after the exceedance occurs.

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D. Compliance Requirements

1. Compliance with the mass emission limit of 0.675 ton of perchloroethylene per rolling, 12-month period is demonstrated by multiplying the yearly consumption of perchloroethylene, in gallons, times the specific density of perchloroethylene (0.00675 ton/gallon).

E. Miscellaneous Requirements

1. If the total yearly consumption of perchloroethylene exceeds 2100 gallons per year, this facility becomes a major source and must comply with the requirements for a major source per 40 CFR 63, Subpart M, within 180 days of the exceedance determination.