



State of Ohio Environmental Protection Agency

STREET ADDRESS:

1800 WaterMark Drive  
Columbus, OH 43215-1099

TELE: (614) 644-3020 FAX: (614) 644-2329

MAILING ADDRESS:

P.O. Box 1049  
Columbus, OH 43216-1049

Re: Permit to Install  
Stark County  
Application No: 15-1291  
NESHAP

CERTIFIED MAIL

September 17, 1997

PASTORE'S CLEANERS  
DAN PASTORE  
526 S. PROSPECT  
HARTVILLE, OH 44632

SEP 23 1997

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Review Appeals Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
236 East Town Street, Room 300  
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager  
Field Operations & Permit Section  
Division of Air Pollution Control

cc: US EPA  
CANTON AIR POLLUTION CONTROL



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## Permit to Install Terms and Conditions

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Application No. 15-1291  
APS Premise No. 1576081255  
Permit Fee: \$100.00

Name of Facility: PASTORE'S CLEANERS

Person to Contact: DAN PASTORE

EP 23

Address: 526 S. PROSPECT  
HARTVILLE, OH 44632

Location of proposed source(s): 526 S. PROSPECT  
HARTVILLE, OHIO

Description of proposed source(s):  
PERMAC FLEX M-45 & FIRBIMATIC 316 - 2 DRY TO DRY PERCHLOROET  
HYLENE MACHINES EACH WITH REFRIGERATED CONDENSERS.

Date of Issuance: September 17, 1997

Effective Date: September 17, 1997

The above named entity is hereby granted a permit to install for the above described source(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described source(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Donald R. Schreyer

Director

**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 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)

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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.

#### 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.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for PASTORE'S CLEANERS located in Stark County. The sources 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 &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
D001	Modification of existing Emissions Unit D001:  Permac Flex M-45 dry-to-dry Perchloro-ethylene dry cleaning machine with refrigerated condenser is unchanged.  Replacement of existing Permac 314 dry-to-dry with a new Firbimatic 316 dry-to-dry perchloro-ethylene dry cleaning machine with refrigerated condenser.	Compliance with the terms and conditions of this permit and federal EPA MACT standard	40 CFR 63 Subparts A, M  3745-21-09 (AA) 40 CFR 63 Subparts A, M  3745-21-10 (J)	420 gallons per rolling 12-month period as a consumption limit of Perchloroethylene.  2.84 tons/year Perchloroethylene.  The dryer shall 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.  See Additional Special Terms and Conditions.

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**SUMMARY**

**TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons/Year</u>
Perchloroethylene	2.84

**REPORTING REQUIREMENTS**

Unless otherwise specified, reports required by the Permit to Install need only be submitted to Canton Air Pollution Control, 420 Market Ave. N. , City Hall, Canton, Ohio 44702-1544.

**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 Canton Air Pollution Control, 420 Market Ave. N. , City Hall, Canton, Ohio 44702-1544.

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 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. OAC rule 3745-21-09(AA) (1) operational restrictions
  - a. 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.
  - b. 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.
  - c. 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.
  - d. 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.
2. NESHAP operational restrictions
  - a. The owner or operator shall store all perchloroethylene and wastes that contain perchloroethylene in solvent tanks or solvent containers with no perceptible leaks.
  - b. The door of each dry cleaning machine shall be closed at all times except to transfer articles to and from the machine.
  - c. The dry cleaning machine shall be operated and maintained according to manufacturer's specifications and recommendations.
  - d. The outlet gas-vapor stream temperature of the condenser shall be a maximum of 45 degrees Fahrenheit.
  - e. Perchloroethylene shall not be vented or released to the atmosphere while the dry cleaning machine drum is rotating.

- f. 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. Monitoring and/or Recordkeeping Requirements**

1. NESHAP visual leak monitoring requirements

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 weekly visual inspection of the following components while the dry cleaning system is operating:

- a. hose and pipe connections, fittings, coupling and valves;
- b. machine door gaskets and seatings;
- c. filter gaskets and seatings;
- d. pumps;
- e. solvent tanks and containers;
- f. water separators;
- g. filter sludge recovery;
- h. distillation valves;
- 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. NESHAP emission control device monitoring requirements

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, adjustments or repairs shall be made to meet that value. Repair parts shall be ordered within 2 working days after detecting a violation that needs repair parts. Repair parts shall be installed within 5 working days after they are received.

3. The following records shall be kept on site in a log for a period of not less than 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 purchases. If no perchloroethylene is purchased during a given month, then the entry in to the log shall be zero gallons;
- c. the calculation and result of the yearly perchloroethylene consumption (rolling 12-month summation), to be determined on the first day of each month;
- d. the results of all visual inspections, including the dates when the dry cleaning system components are inspected for leaks 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; and,
- f. the results and dates of all equipment monitoring required by this permit.

4. The following records shall be kept for a period of not less than three years:

- a. control equipment maintenance; and,
- b. 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 onsite and be made available upon request.

**C. Reporting Requirements**

1. If the permit perchloroethylene solvent consumption limit of 420 gallons is exceeded by the rolling 12-month period perchloroethylene consumption calculation required by the recordkeeping requirements section of this permit, then the permittee shall submit a deviation report which identifies the exceedance of that limit. This report shall be submitted within thirty (30) days following the month during which the exceedance occurred.
2. All required reports shall be submitted to the Canton City Health Department, Air Pollution Control Division, 420 Market Ave. N, Canton, Ohio 44702.

**D. Compliance Methods and Testing Requirements**

1. Compliance with the emission limitations in the air emission summary of this permit shall be determined in accord with the following methods:

- a. compliance with the 420 gallons consumption limitation shall be demonstrated by perchloroethylene purchase records as a rolling 12-month summation as required in the recordkeeping section of this permit; and,

- b. Emission limitation

2.84 tons/year Perchloroethylene

Applicable compliance method

Calculate the yearly perchloroethylene consumption in gallons as a rolling 12-month summation [as indicated in 40 CFR 63.323(d)], multiply the resulting gallonage by 13.53 pounds per gallon (the density of the perchloroethylene), and then divide by 2,000 pounds per ton in order to obtain the perchloroethylene emissions in tons per year.

**E. Miscellaneous Requirements**

1. If the rolling 12-month consumption of perchloroethylene as calculated according to 40 CFR 63.323(d) 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 and the permittee shall submit a signed statement as required by 40 CFR 63.324(c).