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Facility Name: **Farrow Cleaners**

Application Number: **13-3407**

Date: **July 29, 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 SOURCE(S)

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 Ohio 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

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(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) 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 prove to be inadequate or 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 15 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.

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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 made at least 90 days prior to start-up of the source.

NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for 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, regulations, and policies.

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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 **Farrow Cleaners** located in **Cuyahoga** 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>
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D002	Petroleum solvent dry cleaning operation (a washer, dryers/reclaimers)
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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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BAT
Determination

Compliance
with Terms &
Conditions of
this permit.

Compliance
with
Air Toxics
Policy

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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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Applicable
Federal &
OAC Rules

3745-31-05
3745-21-09 (BB)

40 CFR 60 JJJ

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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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Permit
Allowable Mass
Emissions
and/or
Control/Usage
Requirements

OC : 3.2
LBS/HR
13.7 TPY

Solvent
recovery phase
continues
until the
final
recovered
solvent flow
of 1.7 ounces
per minute
(50 mi per
minute) or
less is
attained.

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SUMMARY
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
OC	13.7

NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source Number</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
D002	Petroleum Dry Cleaning (A washer & 2 Hoyt Petro-Miser)	40 CFR 60 JJJ

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency

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DAPC - Permit Management Unit.

P.O. Box 163669

Columbus, OH 43216-3669

and

Cleveland Air Pollution Control

1925 St. Clair Avenue

Cleveland, Ohio 44114

RECORD(S) RETENTION AND AVAILABILITY

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Cleveland Air Pollution Control, 1925 St. Clair Avenue, Cleveland, Ohio 44114** .

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

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reported immediately to the **Cleveland Air Pollution Control, 1925 St. Clair Avenue, Cleveland, Ohio 44114.**

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. This Permit-to-Install covers the petroleum dry cleaning operation consisting of 1 Marvel washer, 2 Hoyt Petro-Miser dryers (PET-50 and PET 105). The equipment is subject to compliance with OAC Rule 3745-31-05, OAC Rule 3745-21-09(BB), OAC Rule 3745-21-10(N), and 40 CFR 60 Subpart JJJ to control air contaminant emissions.

B. Applicable Emissions Limitations and/or Control Requirements

1. The petroleum solvent dry cleaning dryer shall be a solvent recovery dryer. It shall be operated in a manner such that the dryer remains closed and the solvent recovery phase continues until the final recovered solvent flow of 1.7 ounces per minute (50 milliliters per minute) or less is attained.
2. Any petroleum solvent filter installed shall be a cartridge filter. The cartridge filters shall be drained in their sealed housings for at least 8 hours prior to their removal.
3. The permittee shall include leak inspection and leak repair cycle information in the operating manual and on a clearly visible label posted on each emission unit. Such information should state:

"To protect against fire hazards, loss of valuable solvent, and emissions of solvent to the atmosphere, periodic

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inspection of this equipment for evidence of leaks and prompt repair of any leaks is recommended. The U.S. Environmental Protection Agency recommends that the equipment be inspected every 15 days and all vapor or liquid leaks be repaired within the subsequent 15-day periods."

C. Operational Restrictions

1. The permittee shall meet all of the following required work and operational practices:
 - a. any bucket or barrel which contains petroleum solvent or petroleum solvent-laden waste shall be covered to minimize solvent evaporation; and,
 - b. any liquid or vapor leak of petroleum solvent shall be repaired within fifteen 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 three working days after identifying the source of the leak. The leak shall be repaired within fifteen days following the delivery of the necessary repair part.

D. Monitoring and/or Recordkeeping Requirements

1. The permittee shall visually inspect and record the results on a weekly basis on any equipment associated with the use of petroleum solvent to identify any liquid leaks of petroleum solvent.

E. Recordkeeping Requirements

1. The permittee shall maintain records of the following information in a readily accessible location for at least five years and shall make these records available to the director or representative of the Ohio EPA upon verbal or written request:
 - a. the results of any measurements to determine compliance with the limitation of final solvent recovery flow rate of 50 ml per minute; and,

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- b. the results of any leak checks, including, at a minimum, the following information.
 - i. date of inspection;
 - ii. findings (may indicate no leaks discovered or location, nature, and severity of each leak);
 - iii. leak determination method;
 - iv. corrective action (date each leak repaired and reasons for any repair interval in excess of fifteen calendar days); and,
 - v. inspector's name and signature.

F. Reporting Requirements

1. The permittee shall report to the director or the Cleveland Air Pollution Control within thirty days after the occurrence of any test result that shows an exceedance of the final solvent recovery flow rate of 0.05 liter per minute.
2. The permittee shall report any leaks in vapor or liquid lines that are not repaired within fifteen days after identification to the director or the Cleveland Air Pollution Control within thirty days after the repair is completed.

G. Testing Requirements and Compliance Method Determinations

1. The permittee shall perform an initial test within 180 days after the permit issuance to verify that the flow rate of recovered solvent from the solvent recovery dryer at the termination of the recovery cycle is no greater than 0.05 liters per minute, according to 40 CFR 60 Subpart JJJ.
2. The permittee shall perform a test, in accordance with OAC rule 3745-21-10 (N) to demonstrate the minimum length of time for operating the recovery cycle of the dryer.