



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149

O.E.P.A.
S.E.D.O.

1989 OCT 23 PM 1:50

P007
T006-11

Richard F. Celeste
Governor

Re: Permit to Install
TUSCARAWAS County
Application No. 06-2473
NSPS

CERTIFIED MAIL

OCTOBER 12, 1989

DOVER CHEMICAL CORPORATION,
DAVID L. RANKIN
P. O. BOX 40
DOVER, OH 44622

Dear Sir:

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.

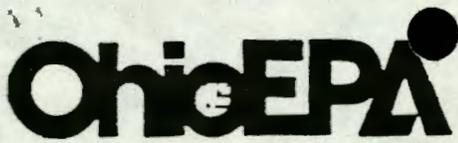
You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Board of Review pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Board of Review 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 and the Environmental Law Division of the Office of the Attorney General within three (3) days of filing with the Board. An appeal may be filed with the Environmental Board of Review at the following address:

Environmental Board of Review
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

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

cc: US EPA
SOUTHEAST DISTRICT OFFICE



Permit to Install Terms and Conditions

Application No. 06-2473
APS Premise No. 0679010132
Permit Fee: \$1,470.00

Name of Facility: DOVER CHEMICAL CORPORATION,

Person to Contact: DAVID L. RANKIN

Address: P. O. BOX 40
DOVER, OH 44622

Location of proposed source(s): WEST 15H AND DAVIS STREETS
DOVER, OHIO

Description of proposed source(s): LIQUID ARIUM, CADMIUM, ZINC
STABILIZER MANUFACTURING UNIT WITH 6
ASSOCIATED STORAGE TANKS AND
WASTEWATER TREATMENT FACILITY.

Date of Issuance: OCTOBER 12, 1989

Effective Date: OCTOBER 12, 1989

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

Director

EPA 3156

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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 modification or installation of the sources(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 (OAC) 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.

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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 ORC 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.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application and a \$15 application fee 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.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for Dover Chemical Corporation located in Tuscarawas 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.

Ohio EPA Source No.	Source Identification/Description	BAT Determination	Applicable Federal and OAC Rules	Permit Allowable Mass Emissions and/or Control & Usage Requirements
P007	Liquid barium, cadmium, zinc stabilizer mfg.	carbon adsorber	3745-31-05 (A)(3)	Organic compounds 450 gram/hr; particulate 0.6 gram/hr
T006 through T011	13125 gallon organic liquid storage tanks	submerged fill & compliance with NSPS	3745-31-05 (A)(3)	Submerged fill required

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Organic compounds	2.0
Particulates	0.003

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 No.</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
T006-T011	13125 gal. volatile organic liquid storage tanks	Kb

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:

- (1) Construction date (no later than 30 days after such date);
- (2) Anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- (3) Actual start-up date (within 15 days after such date); and
- (4) Date of performance testing (at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
Division of Air Pollution Control
Authorization and Compliance Unit
P.O. Box 1049
Columbus, Ohio 43266-0149

and

Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, Ohio 43138

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to the Southeast District Office.

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.

REPORTING

Any reports required by the Permit to Install shall be submitted to Southeast District Office.

PERMIT TO OPERATE APPLICATION

A Permit to Operate Application and a \$15 application fee must be submitted to the appropriate field office for each source in this Permit to Install. In accordance with OAC rule 3745-35-02, the application shall be made at least ninety days prior to start-up of the source.

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.

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.

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 Southeast District Office.

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 said equipment, must be accompanied by the shutdown of the associated air pollution sources.

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In accordance with 40 CFR 60.116b(a) and (b), the owner and operator of storage vessel(s) T006, T007, T008, T009, T010, T011 shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each source.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

- (1) Solid, semi-solid or hazardous materials generated by the unit operations are to be reused, recycled or sold for recovery when feasible. Solid, semi-solid and hazardous waste must be stored, treated, or disposed of in facilities installed and operated in accordance with Ohio Revised Code Section 3734.
- (2) The Southeast District Office of the Ohio Environmental Protection Agency shall be notified, in writing prior to start-up of operations, as to the proposed disposition of all solid, semi-solid and hazardous waste materials. Notification shall include the following information:
 - a. Name, location, and address of disposal facility.
 - b. Method of disposal (incineration, secure landfill, etc.).
 - c. Description of waste material to be disposed of.
 - d. Quantities of waste material to be disposed of and frequency of disposal.
 - e. Name and address of contract haulers.

Any change in the disposition of waste materials shall be reported to the District Office prior to such a change.

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ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. The proposed wastewater disposal system shall be constructed in strict accordance with the plans and application approved by the Director of the Ohio Environmental Protection Agency. There shall be no deviation from these plans without the prior express, written approval of the agency. Any deviations from these plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of this plan and issuance of this permit does not constitute an assurance by Ohio Environmental Protection Agency 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.
2. The appropriate district office of the Ohio Environmental Protection Agency shall be notified, in writing as to (a) the construction starting date; (b) the construction completion date; and (c) the date the wastewater disposal system was placed into operation.
3. A report, which provides a technical appraisal of the operation of the new wastewater disposal system during normal operating conditions, shall be submitted to the appropriate district office of the Ohio Environmental Protection Agency no later than three months after the new wastewater disposal system is placed into operation.
4. Solid, semi-solid or hazardous materials generated by the unit operations are to be reused, recycled or sold for recovery when feasible. Solid, semi-solid and hazardous waste must be stored, treated, or disposed of in facilities installed and operated in accordance with Ohio Revised Code Section 3734.

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5. The Dover Chemical Corporation shall submit, for authorization of the site, a soil sampling plan for the site of the tank farm area to the Ohio Environmental Protection Agency, Office of Corrective Actions, at the Southeast District Office. The tank farm area (raw material storage) cannot be installed until this soil sampling plan is implemented and the proposed site has been authorized by the Ohio Environmental Protection Agency, Office of Corrective Actions.