

Washington Co.
Eveready
0684020016
Correspd.

Ohio EPA

Re: Permit to Install
Washington County
Application No. 06-1303

February 27, 1985

Union Carbide Corp.
Metals Division
P.O. Box 300
Marietta, Ohio 45750

Attention: C. V. McClung

CERTIFIED MAIL

1985 FEB 28 AM 11:15
O.E.P.A.
S.E.D.O.

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 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
250 East Town Street, Room 101
Columbus, Ohio 43215

Very truly yours,

Patricia P. Walling, Manager
Authorization & Compliance Section
Division of Air Pollution Control

PPW/gs

cc: US EPA
Southeast District Office

Permit to Install Terms and Conditions

Application No. 06-1303APS Premise No. 0684020016Permit Fee: \$975.00

Name of Facility: Union Carbide Corp., Metals Division

Person to Contact: C.V. McClung

Address: P.O. Box 300
Marietta, Ohio 45750Location of proposed source(s): Approximately 1½ mi. N.E. of Int. of
County Rd. 10 and State Rt. 7
Warren Twp., OhioDescription of proposed source(s): 6000 Gallon H₂SO₄, 100,000 Gallon
MNSO₄ and H₂O and 100,000 Gallon
MNSO₄, H₂SO₄ and H₂O Storage Tanks

Date of Issuance: February 27, 1985

Effective Date: February 27, 1985

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



ACTING DIRECTOR

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Substantial construction for installation must take place within eighteen months of the effective date of this permit. This deadline may be extended by up to twelve months, if application is made to the Director no less than sixty days before the expiration of this permit and the party shows good cause for any such extension.

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, examining records or reports pertaining to the construction, modification or installation of the above described source of environmental pollutants.

If the construction of the proposed source 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 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.

The specified permit fee must be remitted within 15 days of the effective date of this permit to install.

This permit shall apply only to the source(s) shown on the application approved by the Ohio Environmental Protection Agency.

This Permit to Install is applicable only to the installation and/or modification of the following air contaminant sources, wastewater disposal systems and solid waste disposal facilities:

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Air Contaminant Sources: One 6000 Gallon 94% H₂SO₄ Storage Tank
 One 100,000 Gallon 18% MnSO₄, 82% H₂O Storage Tank
 One 100,000 Gallon 11% MnSO₄, 4% H₂SO₄, 85% H₂O Storage Tank

Wastewater Disposal Systems: None

Solid Waste Disposal Facilities: None

The air contaminant source(s) listed below comprise this Permit to Install. Emission control requirements/limits are specified in the table below:

<u>Ohio EPA Source No.</u>	<u>Source Description & I.D.</u>	<u>BAT Determination</u>	<u>Applicable OAC Rule</u>	<u>Allowable Emission Rate</u>	<u>Annual Emiss.</u>
T002	6,000 Gal. 94% H ₂ SO ₄ Storage Tank	Submerged fill	3745-31-05 (A) (3)	NA	Unk.
T003	100,000 Gal. 18% MnSO ₄ Storage Tank Cell Feed Tank (Middle)	No Control	3745-31-05 (A) (3)	NA	Unk.
T004	100,000 Gal. 11% MnSO ₄ , 4% H ₂ SO ₄ Storage Tank North Spent Tank	No Control	3745-31-05 (A) (3)	NA	Unk.

SUMMARY
 TOTAL NEW SOURCE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Acid Fumes	Unk. (nil)

As specified in OAC 3745-31-05, all new sources must, at a minimum, employ Best Available Technology. The following terms and conditions fulfill these requirements and any applicable federal regulations.

The 6000 Gallon 94% H₂SO₄ Storage Tank shall employ submerged fill or equivalent.

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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.

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.