



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: 15-1255
TOXIC REVIEW

CERTIFIED MAIL

May 28, 1997

DRESSER INDUSTRIES
DANIEL G. WISE
12241 ROCKHILL ROAD
ALLIANCE, OH 44601

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 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 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 & Permit Section
Division of Air Pollution Control

cc: US EPA
CANTON AIR POLLUTION CONTROL

George V. Voinovich, Governor
Nancy P. Hollister, Lt. Governor
Donald R. Schregardus, Director



Permit to Install Terms and Conditions

Application No. 15-1255
APS Premise No. 1576001779
Permit Fee: \$100.00

Name of Facility: DRESSER INDUSTRIES

Person to Contact: DANIEL G. WISE

Address: 12241 ROCKHILL ROAD
ALLIANCE, OH 44601

Location of proposed source(s): 12241 ROCKHILL ROAD
ALLIANCE, OHIO

Description of proposed source(s):
TWO RESIN MIXERS.

Date of Issuance: May 28, 1997

Effective Date: May 28, 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 DRESSER INDUSTRIES 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 & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P001	Modification of PTI 15-1091 to allow more acetone emissions.	Use of 25% styrene content resin;	3745-31-05 3745-21-07 (G) (2)	3.80 lbs Acetone/hour, 3.80 TPY Acetone
	Mixing room operations for polyester resins and other ingredients with acetone clean-up for the manufacturer of chemically resistant valves	Use of good housekeeping to minimize acetone and styrene emissions		0.13 lb Styrene/hour, 0.13 TPY Styrene 4.0 lbs OC/hour, 40.0 lbs OC/day, 4.0 TPY OC Limit of usage of polyester resin and acetone of 50,000 lbs/yr and 10,000 lbs/yr, respectively

SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Acetone	3.80
Styrene	0.13
Organic Compounds (OC)	4.0

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 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.

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. This facility shall be limited to using the vinyl ester resin specified in the PTI application or an equivalent resin with less than or equal to 25 percent by volume styrene content. The facility shall be limited to using 50,000 pounds per year of resin which meets the requirements of this Additional Special Terms and Condition.
2. During the transfer of raw materials, such as the vinyl ester resin, to the mixer, the raw material containers shall be kept closed. The exact amount of raw materials

should be pumped or siphoned. During the transfer of the finished mixture to the molding press, the lid on the transfer container must be closed.

3. The mixer shall be cleaned with less than six gallons of acetone. The exact amount of acetone shall be placed in the mixer, the mixer closed and the mixer shall be run for about 10 minutes.

All mixing containers except the mixer, such as buckets, etc. shall be hand rinsed with minimal amounts of acetone. The containers for the new acetone shall be left closed after the acetone is removed from them. Used acetone shall be recovered using the facility's closed acetone recovery still.

4. The mixing room shall be kept clean of all materials containing organic compounds on a daily basis, at the end of the first shift on days when the mixing room is utilized.
5. This facility shall be limited to utilizing 10,000 pounds of acetone per year.

This Additional Special Term and Condition shall not preclude use of other solvent(s) for cleaning purposes such that the OC emissions from the use of the other solvent(s) are less than the allowable acetone emissions contained in this PTI. If this facility uses other solvent(s) in this source, this facility shall submit a revised Appendix A detailing the change in solvent(s) to the Canton City Health Department, Division of Air Pollution Control, 420 Market Avenue North, Canton, Ohio 44702, within twenty-one (21) days of the facility's first use of other solvent(s).

B. Monitoring and/or Recordkeeping Requirements

1. The facility shall maintain a record of all resins purchased which meet the requirements of Additional Special Term and Condition A (1) in a separate file at the facility. These purchase records shall be available for review at the facility by the Director or his representative during normal business hours.
2. The facility shall maintain annual records in a bound logbook of the amounts of acetone purchased. The facility shall maintain daily records in this same bound logbook of the amount of resin utilized, the amount of new acetone used, the amount of acetone recycled and the amount of acetone emitted into the air. The amount of acetone emitted into the air shall be calculated as the amount of acetone utilized minus one half of the weight of the amount of still bottoms sent to a recycler. The bound logbook shall be available for review at the

facility by the Director or his representative during normal business hours.

C. Reporting Requirements

Excess Emissions Reporting

If the acetone emissions from this source exceed 3.80 tons per calendar year or the OC emissions from all cleaning solvents utilized exceed 3.80 tons per year, or the amount of resin utilized per calendar year exceeds 50,000 pounds, then the facility shall submit a report entitled "Excess Emissions for 'Correct Year', Dresser Industries, 15 70 1779 P001" detailing: for cleaning solvents 1) the amount of OC emissions from cleaning solvent use in tons per calendar year (with three significant figures); 2) the average amount of OC emissions from cleaning solvent use per day in pounds per day; 3) the date and the OC emissions in pounds per day for the day on which maximum OC emissions from cleaning solvent use occurred; and 4) the number of days in the calendar year in which acetone was utilized, and for styrene, the amount of resin utilized per calendar year. If this report is required, the facility shall submit this report by February first of the year following the year for which the emissions occurred to the Canton City Health Department, Air Pollution Control Division, 420 Market Avenue North, Canton, Ohio 44702.

D. Testing Requirements

None.

E. Miscellaneous Requirements

None.