

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCEO.E.P.A.
S.E.D.O.

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Date of Issuance 03/24/95

Application No. 0684020001P001

Effective Date 03/24/95

Permit Fee \$000

This document constitutes issuance to:

CHEVRON CHEMICAL COMPANY
STATE RTE. 7 P.O. BOX 1000
MARIETTA

OHIO 45750

of a permit to operate for:

POLYSTYRENE MANUFACTURING UNIT
POLYSTYRENE PROCESS, LINES 6-13, PILOT PLANT

The following terms and conditions are hereby expressly incorporated into this permit to operate:

1. This permit to operate shall be effective until 03/23/98
You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:

OHIO EPA, SOUTHEAST DISTRICT OFFICE (DAPC)
AIR POLLUTION GROUP 2195 FRONT ST.
LOGAN, OH 43138 (614) 385-8501

10. If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY

Donald R. Scheyardus

Director

APPLICATION NUMBER: 06484020001 P001
FACILITY NAME: CHEVRON CHEMICAL COMPANY
EQUIPMENT DESCRIPTION: POLYSTYRENE MANUFACTURING UNIT
COMPANY ID: POLYSTYRENE PROCESS, LINES 6-13, PILOT PLANT

SPECIAL TERMS AND CONDITIONS

1. Applicable Rules:

The following rules of the Ohio Administrative Code establish the applicable emission limitations and/or control requirements for this source:

3745-17-07 (A)-(D)
3745-17-11
3745-21-05
3745-21-09 (CC)
3745-21-09 (DD)

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

2. Allowable Mass Emission Limitation(s) and/or Control Requirements:

The mass emissions from this source shall not exceed the following:

- a. Annual production less than 451 million pounds of product per year
6.5 pounds of particulate emissions per hour
28.5 tons of particulate emissions per year
0.30 pounds of VOC emissions per 1,000 pounds of product produced
- b. Once annual production exceeds 451 million pounds of product per year, Chevron Chemical Company will be required to comply with OAC 3745-21-09 (CC) and (DD)
6.5 pounds of particulate emissions per hour
28.5 tons of particulate emissions per year
.12 pounds of VOC emissions per 1,000 pounds of product produced
compliance with OAC 3745-21-09 (DD) (Leak Detection Repair Program)
- c. Before annual production exceeds 578 million pounds of product per year Chevron Chemical Company shall obtain a Permit to Install.

3. Stack Testing Requirements:

Within twelve (12) months prior to the expiration of this permit, this facility shall conduct, or have conducted, emission tests for this source in order to demonstrate compliance with the allowable VOC emission limitation. The emission tests shall be conducted in accordance with the test methods and procedures specified in OAC rule 3745-21-10.

Not later than 30 days prior to the proposed test date(s), this facility shall submit an "Intent to Test" notification. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the source operating parameters and the time(s) and date(s) of the tests, and the person(s) who will be conducting the tests. Failure to submit such notification for review and approval prior to the tests may result in the Southeast District Office's refusal to accept the results of the emission tests.

Personnel from the Southeast District Office shall be permitted to witness the tests, examine the testing equipment, and acquire data and information regarding the source operating parameters.

4. Leak Detection and Repair Program (as required in 2b):

This source is required to maintain a Leak Detection and Repair Program in accordance with OAC 3745-21-09 DD. The leak repair log shall be retained by the owner or operator of the process unit in a readily accessible location for a minimum of two years after the date on which the record was made. Semi-annual reports shall be submitted to the Southeast District Office by the first day of February and August and shall include the information listed in OAC 3745-21-09 (DD)(2)(m) for the preceding semi-annual period.

Prepared by: Zach Hamlin
Date prepared: February 21, 1995

ZH/bje