



State of Ohio Environmental Protection Agency

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P.O. Box 1049
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October 2, 1996

CERTIFIED MAIL

Re: Modification to Permit to Install No. 06-4863
Washington County

Chevron Chemical Company
P.O. Box 1000
Marietta, OH 45750

Attention: Bill Andes

Enclosed please find a modification to the Ohio EPA Permit to Install referenced above which will modify the terms and conditions.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Board of Review pursuant to Section 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 and Permit Section
Division of Air Pollution Control

Enclosure

cc: US EPA
SOUTHEAST DISTRICT OFFICE, DAPC

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

**Permit to Install
Terms and Conditions**

Issuance Date: October 2, 1996
Effective Date: October 2, 1996

OHIO ENVIRONMENTAL PROTECTION AGENCY**MODIFICATION TO PERMIT TO INSTALL**

Name of Applicant: Chevron Chemical Company
Address: Route 7 South of Marietta
City: Marietta, OH

The Ohio EPA has received a request for a modification for the Ohio EPA Permit to Install referenced above.

The Permit to Install issued to **Chevron Chemical Company, Permit to Install 06-4863** is modified in the following manner:

Terms and Conditions on pages **4 and 5** of Permit to Install issued on **August 21, 1996**.

The reason for the modification is: **to correct VOC emission limits on Pages 4 and 5 of PTI No. 06-4863, issued August 21, 1996, due to an administrative error.**

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

Ohio Environmental Protection Agency



Director

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for CHEVRON CHEMICAL COMPANY located in Washington 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	Polystyrene production lines (increase in production from 66,000 to 70,000 lbs/hr)	LDAR program, condensers, and hot oil heater as final control	3745-31-05 (A) (3) 3745-17-07 3745-21-09 (DD)	VOC emissions: 2.12 lbs/hr 9.1 TPY fugitive sources 0.94 lb/hr 4.1 TPY Individual toxic limits included in VOC emissions above: Styrene (point source and fugitive) 2.20 lbs/hr 9.7 TPY Toluene (point source and fugitive) 0.49 lb/hr 2.1 TPY Cumene (point source and fugitive) 0.18 lb/hr 0.8 TPY Ethylbenzene (fugitive) 0.002 lb/hr 0.01 TPY Xylene (fugitive) 0.03 lb/hr 0.11 TPY

<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>
				Particulate Emissions: PM ₁₀ 8.89 lbs/hr 38.9 TPY NO _x emissions: 7.80 lbs/hr 34.2 TPY CO emissions: 1.02 lbs/hr 4.5 TPY SO ₂ emissions: 3.37 lbs/hr 14.8 TPY The permittee shall implement a Leak Detection and Repair program which complies with OAC 3745-21-09 (DD)

**SUMMARY
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons/Year</u>
VOC	13.2 (decrease of 60.3)
PM ₁₀	38.9 (increase of 6.5)
NO _x	34.2 (increase of 6.1)
CO	4.5 (increase of 0.8)
SO ₂	14.8 (increase of 13.5)

PERFORMANCE TEST REQUIREMENTS

The permittee shall conduct, or have conducted, performance testing on the air contaminant source(s) in accordance with procedures approved by the Agency. Two copies of the written report describing the test procedures followed and the results of such tests shall be submitted and signed by the person responsible for the test. The Director, or an Ohio EPA representative, shall be allowed to witness the test, examine testing equipment, and require the acquisition or submission of data and information necessary to assure that the source operation and testing procedures provide a valid characterization of the emissions from the source and/or the