



State of Ohio Environmental Protection Agency

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

RECEIVED  
MAR 14 1988



Re: Permit to Install  
MONROE County  
Application No.17-561

NOVA MAIL  
CERTIFIED MAIL  
STEUBENVILLE, OH.

Richard F. Celeste  
Governor

MARCH 9, 1988

SOHIO OIL CO, CLARINGTON (461)  
JIM SLACK  
301 WILSON RD  
COLUMBUS, OHIO 43204

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

TGR/gs

cc: US EPA  
NORTH OHIO VALLEY AIR AUTHORITY

## Permit to Install Terms and Conditions

Application No. 17-561  
APS Premise No. 1756030025  
Permit Fee: \$1560.

Name of Facility: SOHIO OIL CO, CLARINGTON (461)

Person to Contact: JIM SLACK

Address: 301 WILSON RD  
COLUMBUS, OHIO 43204

Location of proposed source(s): OLD ST RT 7  
CLARINGTON, OHIO

Description of proposed source(s): REBUILDING OF BULK PLANT: NEW TANK  
& LOADING RACK.

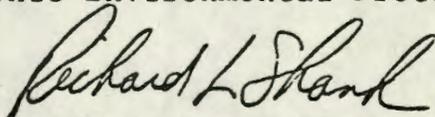
Date of Issuance: MARCH 9, 1988

Effective Date: MARCH 9, 1988

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

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 within a reasonable time before the termination date 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.

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.

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

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.

#### EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for Sohio Oil Co. located in Monroe County. The sources listed below shall not exceed the emission limits/control requirements contained in the following table:

<u>Ohio EPA Source No.</u>	<u>Source Identification</u>	<u>BAT Determination</u>	<u>Applicable Ohio EPA rule</u>	<u>Allowable Emissions (lb/hr, lb/MMBTU, gr/DSCF, etc.)</u>
T001	Tank #1, 16,000 gal. octron gas	Submerged fill vapor balance 90%	3745-31-05 3745-21-09(P)	1.31 TPY
T002	Tank #2, 16,000 gal. #2 heat oil	Submerged fill	3745-31-05	.01 TPY
T003	Tank #3, 16,000 gal. K-1 kerosene	Submerged fill	3745-31-05	.007 TPY
T004	Tank #4, 16,000 gal. diesel supreme	Submerged fill	3745-31-05	.020 TPY
T005	Tank #5, 12,000 gal. centron gas	Submerged fill vapor balance 90%	3745-31-05 3745-21-09(P)	.9 TPY
J001	1 bay, 5 arm loading rack	Bottom filling vapor balance 90%	3745-31-05 3745-21-09(P)	1.55 TPY

SUMMARY  
 TOTAL NEW SOURCE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Organic compounds	3.8

This condition in no way limits the applicability of any other state or federal regulation.

APPLICABILITY

This Permit to Install is applicable only to the air contaminant sources listed and does not include the installation or modification of wastewater disposal systems or solid waste disposal facilities. Separate application must be made to the Director for the installation or modification of any such wastewater disposal systems or solid waste disposal facilities.

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.

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.

MALFUNCTION/ABATEMENT

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 North Ohio Valley Air Authority, 814 Adams, Steubenville, Ohio 43952. 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.

STORAGE TANKS FOR PETROLEUM LIQUIDS, ETC. REQUIRED TO HAVE SUBMERGED FILL ONLY

Best Available Technology for this source consists of the use of submerged fill into the storage tanks. The submerged fill pipe(s) are to be installed within six (6) inches of the bottom of the storage tank.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

In accordance with the requirements of OAC Rule 3745-31-05 and 3745-21-09, the owner or operator of this bulk gasoline plant shall comply with the following requirements:

- A. Each stationary storage tanks which stores gasoline at the bulk gasoline plant is loaded by means of submerged fill pipe.
- B. For any transfer of gasoline from a delivery vessel to a stationary storage tank at the bulk gasoline plant, the vapors displaced from the stationary storage tank are processed by a vapor balance system which is equipped with a vapor tight vapor line from the stationary storage tank to the delivery vessel and a means to ensure that the vapor line is connected before gasoline can be transferred and which is designed and operated to route at least ninety percent by weight of the organic compound in the displaced vapors to the delivery vessel.
- C. The loading rack at the bulk gasoline plant which transfers gasoline and other fuels is equipped for bottom filling.

- D. For any transfer of gasoline from a loading rack located at the bulk gasoline plant to a delivery vessel, the vapor displaced from the delivery vessel are processed by a vapor balance system.
- E. The vapor balance system is equipped with a vapor tight vapor line from the delivery vessel to the stationary storage tank being unloaded and a means to ensure that the vapor line is connected before gasoline can be transferred and which is designed and operated to route at least ninety percent by weight of the volume in the displaced vapors to the stationary storage tank.
- F. Gasoline loading lines, unloading lines and vapor lines are equipped with fittings which are vapor tight.
- G. The vapor balance system shall be maintained and employed in the following manner:
  - a. The vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline.
  - b. The delivery vessel hatches shall be closed at all times during the loading of the delivery vessel.
  - c. There shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers.
  - d. There shall be no leaks in the vapor and liquid lines during the transfer of gasoline.
  - e. The pressure relief valves on the stationary storage tanks and delivery vessel shall be set to release at no less than 0.7 pounds per square inch gauge or the highest possible pressure (in accordance with state or local fire codes, or the "National Fire Prevention Association" guidelines).
  - f. The owner or operator of the bulk gasoline plant may not permit gasoline to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in evaporation.
  - g. The owner or operator of the bulk gasoline plant shall repair within fifteen days any leak from the vapor balance system when such leak is equal to or greater than one hundred percent of the lower explosive limit as propane, as determined under paragraph (K) of Rule 3745-21-10 of the Administrative Code.