

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE

Date of Issuance 05/28/91 Application No. 1756030025J001

Effective Date 05/28/91 Permit Fee \$270

This document constitutes issuance to:

BP OIL CO.-CLARINGTON BULK PLANT
P.O. BOX 126
CLARINGTON OHIO 43915

of a permit to operate for:

BULK PLANT LOADING RACK 5 ARMS BOTTOM LOAD
CLARINGTON BULK PLANT

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

1. This permit to operate shall be effective until 05/27/94
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:
NORTH OHIO VALLEY AIR AUTHORITY
814 ADAMS ST.
STEUBENVILLE, OH 43952 (614) 282-3908/3303
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: 1756030025 J001
FACILITY NAME: BP Oil Co. - Clarington Bulk Plant
EQUIPMENT DESCRIPTION: Bulk Plant Loading Rack - 5 arms
COMPANY ID: Sohio Oil Co. - Clarington Bulk Plant

SPECIAL TERMS AND CONDITIONS

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

Loading rack - OAC Rules 3745-21-09, 3745-31-05 and 3745-35-02(D)

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

Allowable mass emission limitation(s) and/or control requirements:

In accordance with the requirements of OAC Rules 3745-31-05, 3745-21-09 and 3745-35-02(D), the owner or operator of this bulk gasoline plant shall comply with the following requirements.

- A. The loading rack at the bulk gasoline plant which transfers gasoline and other fuels is equipped for bottom filling.
- B. For any transfer of gasoline from a loading rack located at the bulk gasoline plant to a delivery vessel, the vapors displaced from the delivery vessel are processed by a vapor balance system.
- C. 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.
- D. Gasoline loading lines, unloading lines and vapor lines are equipped with fittings which are vapor tight.
- E. 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 delivery vessels 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).

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- h. 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.
 - i. 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.
- F. The owner or operator shall prepare a report and forward to NOVAA by February 15 of each year for the previous calendar year the annual thru-put for each type of product transferred thru the loading rack.

PREPARED BY: Harold Strohmeier
DATE PREPARED: January 10, 1991

HGS:k1