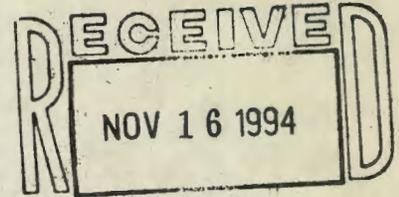


**PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE**

Date of Issuance 11/02/94

Application No. 1734000069J001

Effective Date 11/02/94

Permit Fee \$000

NOVAA  
STEUBENVILLE, OHIO 43952

This document constitutes issuance to:

B.P. OIL CO., HARRISVILLE BULK PLANT  
47345 STUMPTOWN ROAD  
CADIZ OHIO 43907

of a permit to operate for:

LOADING RACK 5 ARMS ONE BAY BOTTOM LOADING  
BULK PLANT LOADING RACK #1

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

1. This permit to operate shall be effective until 11/01/97  
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. Schreyer*

APPLICATION NUMBER: 1734000069 J001

FACILITY NAME: BP Oil Co. - Harrisville Bulk Plant

EQUIPMENT DESCRIPTION: Loading Rack - 5 Arms - 1 Bay Bottom Loading

COMPANY ID: Bulk Plant Loading Rack #1

**SPECIAL TERMS AND CONDITIONS**

**1. Applicable State Regulation(s)**

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.)

**2. Allowable Emission Limitation(s)**

The emissions from this source shall not exceed the following:

1.81 tons of actual organic compound per year

**3. Vapor Balance System Requirements**

This facility shall maintain a vapor balance system which:

- a. For any transfer of gasoline from a delivery vessel to a stationary storage tank 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 per cent by weight of the VOC in the displaced vapors to the delivery vessel; and
- b. For any transfer of gasoline from a loading rack to a delivery vessel, 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 per cent by weight of the VOC in the displaced vapors to the stationary storage tank.

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### Other Requirements

Each stationary storage tank which stores gasoline is loaded by means of a submerged fill pipe.

There shall be no leaks in the vapor and liquid lines during the transfer of gasoline.

There shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers.

The delivery vessel hatches shall be closed at all times during the loading of the delivery vessel.

All gasoline loading lines, unloading lines and vapor lines are equipped with fittings which are vapor tight.

The pressure relief valves on the stationary storage tanks and delivery vessels shall be set to release at no less than 0.7 pound per square inch gauge or the highest possible pressure (in accordance with state or local fire codes, or the "National Fire Prevention Association" guidelines).

No owner or operator of a bulk gasoline plant may permit gasoline to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in evaporation.

The loading rack which transfers gasoline to a delivery vessel shall be equipped for top submerged filling or bottom filling for the transfer of gasoline.

### Vapor Balance System Maintenance and Repairs

The vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline.

Any owner or operator of a bulk gasoline plant shall repair within fifteen days any leak from the vapor balance system or vapor control system which is employed to meet the requirements of paragraph (P)(1) of this rule when such is equal to or greater than one hundred per cent of the lower explosive limit as propane, as determined under paragraph (K) of rule 3745-21-10 of the Administrative Code.

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Recordkeeping and Reporting Requirements

This facility shall maintain records which document the amount of petroleum thru-put on a monthly basis. This facility shall submit annual reports which document the required monthly data. This report shall be submitted to the NOVAA by February 15 of each year.

4. Annual Reports

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 through the loading rack.

PREPARED BY: Dave Boltz

DATE PREPARED: June 23, 1994