Facility ID: 0627009989 Issuance type: Final State Permit To Operate

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In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

   (a) None.

2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

   (a) None.

A. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Loading Rack At Bulk Fuel Terminal	OAC 3745-31-05 See F.1.	9.45 tons of volatile organic compounds (VOCs) per year.

2. **Additional Terms and Conditions**

   (a) Vapor Balance System Requirements

   i. For any transfer of gasoline from a delivery vessel to a stationary storage tank located at the bulk gasoline plant, the vapors displaced from the stationary storage tank shall be 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 90 percent by weight of the VOC in the displaced vapors to the delivery vessel.

   (This paragraph is not applicable to any stationary storage tank which is equipped with either an internal floating roof or external floating roof.)

   ii. For any transfer of gasoline from a loading rack located at the bulk gasoline plant to a delivery vessel, the vapors displaced from delivery vessel shall be processed by a vapor balance system which 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 90 percent by weight of the VOC in the displaced vapors to the stationary storage tank.
   Compliance with the requirements of OAC rule 3745-21-09 (P) (as specified in the terms and conditions of this permit) represents Best Available Technology (BAT) for this emissions unit.

B. **Operational Restrictions**

1. Operational Practices

   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 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).

   f. The permittee shall not permit gasoline to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in evaporation.

2. Leak Repair Requirements

   The permittee shall repair within 15 days any leak from the vapor balance system or vapor control system, which is employed to meet the requirements of paragraph (P)(1) of OAC rule 3745-21-09, when such leak is

equal to or greater than 100 percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10.

C. **Monitoring and/or Record Keeping Requirements**

1. Recordkeeping Requirements

The permittee shall maintain records of the following information:

a. The daily quantity of all gasoline loaded into gasoline tank trucks.

b. The results of any leak checks, including, at a minimum, the following information:

i. Date of inspection.

ii. Findings (may indicate no leaks discovered or location, nature, and severity of each leak).

iii. Leak determination method.

iv. Corrective action (date each leak repaired and reasons for any repair interval in excess of 15 calendar days).

v. Inspector's name and signature.

D. **Reporting Requirements**

1. Reporting Requirements

Any leaks in vapor or liquid lines that are not repaired within 15 days after identification shall be reported to the Director within 30 days after the repair is completed.

E. **Testing Requirements**

1. Compliance with the emission limitation in Section A.1 of this permit shall be determined as follows:

Multiply the annual throughput for each fuel loaded at the rack by the following AP-42 emission factors:

8.0 pounds VOC/1000 gallons gasoline;
0.16 pound VOC/1000 gallons kerosene; and
0.014 pound VOC/1000 gallons diesel fuel.

Sum these numbers and divide the total by two thousand to determine the total tons per year of volatile organic compounds emitted from the loading rack.

F. **Miscellaneous Requirements**

1. The following terms and conditions shall supersede all the air pollution control requirements contained in permit to install number 06-4341 issued for this emissions unit on July 26, 1995: A.1, A.2, B.1, C.1, and D.1.