

Facility ID: 0773010075 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
gasoline loading rack at gasoline terminal with carbon adsorption vapor recovery unit	OAC rule 3745-21-09(Q)	0.67 pounds of VOC per 1,000 gallons of gasoline loaded (80 mg/liter)
2. Additional Terms and Conditions		
(a) None		

B. Operational Restrictions

1. The loading rack shall be equipped with a vapor collection system whereby during the transfer of product to any gasoline delivery vessel:
 - a. all vapors displaced from the gasoline delivery vessel during loading are vented only to the vapor collection system; and
 - b. the pressure in the vapor collection system is maintained between minus 20 and plus 30 inches of mercury gauge pressure.
2. The loading rack shall be equipped with a vapor control system whereby:
 - a. all vapors collected by the vapor collection system are vented to the vapor control system; and
 - b. any liquid gasoline returned to a stationary storage tank from the vapor control system is free of entrained air to the extent possible with good engineering design.
3. A means shall be provided to prevent drainage of gasoline from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.
4. All gasoline loading lines and vapor lines shall be equipped with fittings which are vapor tight.
5. 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.
6. The permittee shall repair within fifteen days any leak from the vapor collection system and vapor control system which are employed to meet the requirements of paragraph (Q)(1) of OAC rule 3745-21-09 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.
7. The maximum exhaust gas VOC concentration shall not exceed 4% (as propane) from the carbon adsorption vessels. [A VOC concentration that exceeds 4% (as propane) is not necessarily indicative of a violation of the allowable mass emission limitation (80 mg/liter), but rather serves as a trigger level for maintenance and/or repair activities, or further investigation to establish correct operation.]

C. Monitoring and/or Record Keeping Requirements

1. The vapor recovery system shall be kept in good working order and shall be used at all times during the transfer of gasoline or distillates into gasoline tank trucks (as defined by 40 CFR 60.501). Transfer of gasoline or distillate into gasoline tank trucks without vapor controls is prohibited. Approval to load without vapor controls during malfunction or scheduled maintenance of the vapor recovery system will require prior approval of the Ohio EPA in accordance with OAC rule 3745-15-06.

2. The permittee shall perform monthly monitoring of the exhaust gas VOC concentration from the carbon adsorption vessels on the vapor recovery unit using the 40 CFR 60, Appendix A, Method 21 procedure for open ended lines. The highest VOC concentration, as measured during the processing of vapors during the last five minutes of the adsorption cycle for each vessel, shall be recorded. The permittee shall maintain records of the monthly monitored VOC concentrations detected in the exhaust gases from the vapor recovery unit. This record keeping shall begin 30 days after the issuance of the permit to operate.

D. Reporting Requirements

1. The permittee shall submit semi-annual reports indicating any exceedances of the VOC concentration limit, along with the cause of the exceedance and an explanation of any corrective action taken to prevent a similar exceedance in the future. These semi-annual reports shall be submitted by February 15 and August 15 of each year and shall address the data obtained during the previous six calendar months (July through December, and January through June, respectively).

E. Testing Requirements

1. Compliance with the emission limitations in section A.1 of these terms and conditions shall be determined in accordance with the following methods:
Emissions Limitation:

0.67 pounds of VOC per 1,000 gallons of gasoline loaded

Applicable Compliance Method:

OAC rule 3745-21-10(E)

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

1. The emission testing shall be conducted within 6 month prior to the expiration of this permit.

2. The emission testing shall be conducted to demonstrate compliance with the allowable mass emissions of volatile organic compounds.

3. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): OAC rule 3745-21-10(E). Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

4. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time (s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

F. Miscellaneous Requirements

1. None