

Facility ID: 0684020140 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

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

Facility ID: 0684020140 Emissions Unit ID: J001 Issuance type: Final State Permit To Operate

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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 bulk gasoline terminal with flare	OAC rule 3745-21-09(Q)	See A.2

2. Additional Terms and Conditions

- (a) For any transfer of gasoline from the loading rack located at the bulk gasoline terminal to a delivery vessel, all vapors displaced from the delivery vessel shall be vented only to the vapor collection system and routed to a vapor control system. Mass emissions of VOC from the vapor control system shall not exceed 0.67 pound of VOC per thousand gallons (eighty milligrams of VOC per liter) of gasoline loaded into the delivery vessel. The loading rack vapor control system shall be designed such that any liquid gasoline is returned to the loading rack.

B. Operational Restrictions

1. 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 (Q)(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.
2. The arcing of the flare's electric arc ignition system shall pulse continually when the emission unit is in operation.
3. The pressure in the collection system shall be maintained between minus six and plus eighteen inches of water gauge pressure during the transfer of gasoline to any delivery vessel.
4. A means shall be provided to prevent drainage of gasoline from the loading device when it is not in use or accomplish complete drainage before the loading device is disconnected.
5. The flare or other vapor control system which meets the mass emission limit of this permit shall be operated during the transfer of gasoline to any delivery vessel.
6. All gasoline loading lines and vapor lines shall be equipped with fittings which are vapor tight.
7. Gasoline shall not be spilled, discarded in sewers, stored in open containers or handled in any manner that would result in evaporation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the results of any leak checks, including, at a minimum, the following information:
 - a. Date of inspection.
 - b. Findings (may indicate no leaks discovered or location, nature, and severity of each leak).
 - c. Leak determination method.
 - d. Corrective action (date each leak repaired and reasons for any repair interval in excess of 15 calendar days).
 - e. Inspector's name and signature.

2. The permittee shall properly install, operate, and maintain a device to continuously monitor the electric arc system when the emissions unit is in operation. The monitoring device and any recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall record the following information each day:

- a. All periods during which the electric arc system was inoperable.
- b. The operating times for the flare, monitoring equipment, and the associated emissions unit by measuring gallons of gasoline transferred per day.
- c. The pressure in the collection system.

D. Reporting Requirements

1. Any leaks in vapor or liquid lines that are not repaired within 15 days after identification shall be reported to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days after the repair is completed.
2. The permittee shall submit deviation (excursion) reports that identify all periods during which the electric arc ignition system was not functioning properly. The reports shall include the date, time, and duration of each such period.

E. Testing Requirements

1. Compliance with the emission limitation 0.67 pound of VOC per thousand gallons (eighty milligrams of VOC per liter) of gasoline loaded into the delivery vessel was determined by using AP - 42 section 5.2 uncontrolled emission calculations, collection efficiency of 95%, and manufacturer's guaranteed flare control efficiency of 98%. (5.38 lb.VOC per 1,000 gallon transferred X 95% collection X 98% destruction = 0.371 lb. VOC per 1,000 gallons of gasoline transferred)

F. Miscellaneous Requirements

1. None