Facility ID: 1431072600 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: 1431072600 Emissions Unit ID: T010 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Fuel Tank #9: 15,000-gallon storage tank carbon adsorber and submerged fill	OAC rule 3745-31-05(A)(3) (PTI 14-02024)	0.70 ton per year (TPY) of organic compound (OC) emissions See Sections A.2.a and A.2.b below. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(D)(2).
	OAC rule 3745-21-07(D)(2)	The control measure specified by this rule is the same as the control measure established pursuant to OAC rule 3745-31-05(A)(3).
	40 CFR, Part 60, Subpart Kb	See Section A.2.d below.

2. **Additional Terms and Conditions**

   (a) The permittee shall operate and maintain equipment for submerged filling of the tank.
   The permittee shall operate and maintain a carbon adsorption system reflecting the best available technology for the control of OC emissions.
   The annual OC emission limitation specified in Section A.1 is based upon the emissions unit's potential to emit. Therefore, no records or reports are required to demonstrate compliance with this emission limitation.
   The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR, Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR, Part 60 are also federally enforceable.

B. **Operational Restrictions**

1. The permittee shall comply with any applicable state and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of this emissions unit.

2. The concentration of benzene in the material contained in this emissions unit shall not exceed two percent (2%) by weight.

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

1. In accordance with 40 CFR, 60.116b(a) and (b), the permittee shall keep readily accessible records, for the life of the source, showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel.

   In addition, the following records shall be maintained:

   a. An identification of each volatile organic liquid stored.

   b. The period of storage for each volatile organic liquid stored.

   c. The maximum true vapor pressure, in pounds per square inch (psia), of the volatile organic liquid during the respective storage period.

   These records shall be retained in the company's files for a period of not less than three years and shall be

made available to the Director of Ohio EPA, or any authorized representative of the Director of Ohio EPA for review during normal business hours.

2. The permittee shall maintain records that document any period of time the storage tank was in operation and did not employ submerged filling.

3. The permittee shall maintain records that document any time the carbon adsorption system was not in service when this emissions unit was in operation.

4. For a carbon adsorption system that does not regenerate the carbon bed directly on site in the control device, the concentration level of the organic compounds in the exhaust vent stream from the carbon adsorption system shall be monitored on a regular schedule, and the existing carbon shall be replaced with fresh carbon immediately when carbon breakthrough is indicated. The device shall be monitored on a daily basis or at intervals no greater than 20% of the design carbon replacement interval, whichever is greater.

   As an alternative to conducting the above monitoring, an owner or operator may replace the carbon in the carbon adsorption system with fresh carbon at a regular, predetermined time interval that is less than the carbon replacement interval that is determined by a maximum design flow rate and the organic concentration in the gas stream of the carbon adsorption system.

5. The permittee shall maintain records of the concentration of benzene, in percent by weight, of each liquid material stored in this emissions unit.

D. **Reporting Requirements**

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of each day during which this emissions unit was in operation and did not employ submerged filling, did not employ the carbon adsorption system and/or exceeded the allowable benzene concentration. These reports shall be submitted to Hamilton County Department of Environmental Services within 30 days of such occurrence.

E. **Testing Requirements**

1. The annual OC emission limitation specified in Section A.1 is based upon the emissions unit's potential to emit. Compliance with the OC emission limitation shall be determined in accordance with the methods and formulas specified in AP-42, 5th Edition, Chapter 7.1, Storage of Organic Liquids, or based upon U.S. EPA Tanks Program 4.0.

2. Compliance with the benzene concentration limitation specified in Section B.2 shall be determined by the record keeping requirements specified in Section C.5.

F. **Miscellaneous Requirements**

1. None