Facility ID: 1431072036 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: 1431072036 Emissions Unit ID: T001 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
internal floating roof storage tank with submerged fill	OAC rule 3745-31-05 (PTI 14-377)	76.6 kPa (11.107 psia) true vapor pressure of stored materials
	40 CFR 60, Subpart Kb	See A.2.a below.
	OAC rule 3745-21-07(D)	See A.2.b below.

2. **Additional Terms and Conditions**

   (a) The emission limitation required by this applicable subpart is equal to the emissions limitation established by best available technology under OAC rule 3745-31-05.
   The emission limitation required by this applicable rule is less stringent than the emissions limitation established by best available technology under OAC rule 3745-31-05.

B. **Operational Restrictions**

1. The permittee shall only operate equipment for submerged filling of this storage tank.

2. The permittee shall operate and maintain a fixed roof in combination with either an internal floating roof, or a closed vent system with a control device, when storing volatile organic liquids with a true vapor pressure greater than 5.2 kPa (0.754 psia) in this storage tank. When an internal floating roof is employed, the storage tank shall meet the specifications set forth in 40 CFR 60.112b(a)(1). When a closed vent system with a control device is employed, the storage tank shall meet the specifications set forth in 40 CFR 60.112b(a)(3).

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

1. The permittee shall keep all records required by 40 CFR 60.116b, except for the records required by paragraph (b) of 40 CFR 60.116b, for the period of five years. The records required by paragraph (b) of 40 CFR 60.116b will be kept for the life of the emissions unit. Required vapor pressure records shall be recorded in "psia" units.

2. The permittee shall keep records and furnish reports as required in 40 CFR 60.115b, based on the control equipment installed on the storage tank. When an internal floating roof is employed, the storage tank records and reports shall meet the specifications set forth in 40 CFR 60.115b(a). When a closed vent system with a control device is employed, the storage tank records and reports shall meet the specifications set forth in 40 CFR 60.115b(c).

D. **Reporting Requirements**

1. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services which summarize the vapor pressure records from section C.1 for each material stored in this storage tank. The reports shall be submitted by February 15 of each year and shall cover the previous calendar year.

2. The permittee shall provide written notification to the Hamilton County Department of Environmental Services prior to storing any material (inorganic or organic), or upon changing the material stored, in this storage tank. This notification shall include information sufficient to determine that the proposed change in materials will comply with all applicable Ohio EPA rules.

3. If the permittee installs an internal floating roof and stores a volatile organic liquid with a true vapor pressure greater than 0.754 psia, the permittee shall:

   a. Submit a report to the Hamilton County Department of Environmental Services which describes the control equipment installed and certifies that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 40 CFR 60.113b(a). This report shall be an attachment to the notification required by 40 CFR 60.7(a)(3).

b. Notify the Hamilton County Department of Environmental Services in writing at least 30 days prior to the filling or refilling of the storage tank to afford Hamilton County Department of Environmental Services the opportunity to have an observer present as required in 40 CFR 60.113b(a)(5).

c. If defects in equipment are detected during an inspection as required by 40 CFR 60.113b, the permittee shall submit a written report to Hamilton County Environmental services within 30 days. The report shall identify the reason the storage tank did not meet the specifications of 40 CFR 60.1132(a)(3), and list each repair made.

4. If the permittee installs a closed vent system and control device, and stores a volatile organic liquid with a true vapor pressure greater than 0.754 psia, the permittee shall submit a report to the Hamilton County Department of Environmental Services which demonstrates that the control equipment installed will achieve the required control efficiency during maximum loading conditions. The report should include information as required in 40 CFR 60.113b(c)(1). This report shall be an attachment to the notification required by 40 CFR 60.7(a)(1) or, if the facility is exempt from 40 CFR 60.7(a)(1), as an attachment to the notification required by 40 CFR 60.7(a)(2).

E. **Testing Requirements**

1. Emission Limitation:

76.6 kPa (11.107 psia) true vapor pressure of stored materials

Applicable Compliance Method:

Compliance with this true vapor pressure limitation shall be based upon the true vapor pressure determination as outlined in 40 CFR 60.116b(e).

F. **Miscellaneous Requirements**

None