

Facility ID: 1431070118 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: 1431070118 Emissions Unit ID: T006 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>
798,000 gallon internal floating roof storage tank	OAC rule 3745-31-05(A)(3) (PTI 14-0347)	The requirements of this rule also include compliance with OAC rule 3745-21-09(L) and 40 CFR, Part 60, Subpart Ka.
	40 CFR, Part 60, Subpart Ka OAC rule 3745-21-09(L)	See Sections A.2.a and B.1 below. See Sections A.2.a and A.2.b below. Same as the control measures established pursuant to OAC rule 3745-31-05(A)(3).
		See Section A.2.a below.

**2. Additional Terms and Conditions**

- (a) Control equipment requirements:
  - i. the fixed roof storage tank shall be equipped with an internal floating roof;
  - ii. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports, and the rim vents, if provided, shall be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's recommended setting; and
  - iii. all openings, except stub drains, shall be equipped with a cover, seal or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling.  
Control measures in addition to OAC rule 3745-21-09(L)(1):
    - i. the internal floating cover shall be equipped with a continuous closure device between the tank wall and the cover edge;
    - ii. the cover is to be floating at all times (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled;
    - iii. the process of emptying and refilling, when the cover is resting on the leg supports, shall be continuous and shall be accomplished as rapidly as possible; and
    - iv. each opening in the cover, except for automatic bleeder vents and the rim space vents, is to provide a projection below the liquid surface.

**B. Operational Restrictions**

1. The maximum true vapor pressure of each material stored in this tank shall not exceed 5.57 pounds per square inch absolute (psia).

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

1. The permittee shall conduct a visual inspection of the storage tank and its components (i.e., condition of the roof, secondary seal, bleeder/rim space vents and leg sleeves) at least once per calendar year. The permittee shall repair the storage tank within 30 days where it is determined that the floating roof is not resting upon the volatile organic liquid inside the storage tank. In addition, repairs shall be made if seals are detached or holes and tears in the seal fabric are found.

2. The permittee shall maintain records of the following information:
  - a. the types of petroleum liquids stored in the tank; and
  - b. the maximum true vapor pressure, as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 psia.
- D. **Reporting Requirements**
  1. This facility shall submit annual reports to the Hamilton County Department of Environmental Services that specify when the visual inspection(s) were performed for this emissions unit and if any maintenance repairs were required. If repairs were made to this emissions unit, then the report shall specify the nature of the repairs. The reports shall be submitted by February 15 of each year and cover the previous calendar year.
  2. The permittee shall notify the Hamilton County Department of Environmental Services of any record showing an exceedance of the maximum allowable true vapor pressure, as specified in Section B.1, of any material stored in this emissions unit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days of such occurrence.
- E. **Testing Requirements**
  1. Compliance with the control equipment requirements and control measures as specified in Sections A.2.a and A.2.b shall be determined during the facility inspection.
  2. Compliance with the maximum true vapor pressure restriction of 5.57 psia, as specified in Section B.1, shall be determined by the record keeping performed pursuant to Section C.2.
- F. **Miscellaneous Requirements**
  1. None