

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: T020 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>
100,000 Gallon internal floating roof tank - Tank No. 15	40 CFR Part 60, Subpart Kb See F. OAC 3745-31-05 See F. OAC 3745-21-07(D) See F.	The maximum true vapor pressure of the materials stored shall not exceed 11.11 psia. See A.2. Less stringent than 40 CFR 60, Subpart Kb.

2. **Additional Terms and Conditions**
  - (b) The organic compound (OC) emissions from this emissions unit shall not exceed 3.5 tons/year (TPY).

**B. Operational Restrictions**

1. The permittee shall operate and maintain equipment for submerged filling of Tank No. 15.
2. The permittee shall operate and maintain an internal floating roof or closed vent system with a control device when storing volatile organic liquids with a true vapor pressure greater than 0.754 psia as required in 40 CFR 60.112b.
3. 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.
4. The maximum material throughput for storage Tank No. 15 shall not exceed that stated in the most recent application submitted by the permittee for renewal of the permit to operate (PTO) for Tank No. 15.
5. When storing volatile liquids with vapor pressures greater than 0.754 psia:
  - a. the permittee shall equip each internal floating roof tank with one of the following closure devices:
    - i. a foam or liquid-filled seal,
    - ii. two seals mounted one above the other, or
    - iii. a mechanical shoe seal.
  - b. Automatic bleeder vents, rim space vents, sample wells, column support seals, and other openings shall be equipped as specified in 40 CFR 60.112b(1).
6. The permittee shall visually inspect the internal floating roof, all seals, fittings, gaskets, slotted membranes, and sleeves each time the storage vessel is emptied and degassed and before filling the storage vessel with VOL. The permittee shall make all repairs before filling the storage vessel. Additional inspections shall be made as required for internal floating roof tanks pursuant to 40 CFR 60.113b(a).
7. If an internal floating roof is installed, the internal floating roof shall rest or float on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied.

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

1. The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. This information shall be kept for the life of the emissions unit.
2. Pursuant to 40 CFR 60.116(a) and (c), the owner and operator of this storage vessel shall maintain a record of the

volatile organic liquid (VOL) stored, the period of storage, and the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid. The permittee shall also maintain a record of the material throughput into the tank. Records shall be retained for a minimum of three years.

The permittee shall comply with the monitoring and recordkeeping requirements as outlined in 40 CFR 60.115b (a).

3. The permittee shall keep records of each inspection performed on Tank No. 15, including the date of the inspection and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

**D. Reporting Requirements**

1. The permittee shall submit annual reports to the appropriate Ohio EPA field office which summarize the information in C.2. for each material stored in this emissions unit. The reports shall be submitted by February 15 of each year and shall cover the previous calendar year.
2. The permittee shall notify the appropriate Ohio EPA field office within 30 days when the maximum true vapor pressure of the stored liquid exceeds 11.11 psia.
3. The permittee shall notify the appropriate Ohio EPA field office in writing at least 30 days prior to the filling or refilling of storage tank No. 15 to afford Ohio EPA the opportunity to have an observer present as required in 40 CFR 60.113b(a)(5).
4. If the permittee stores a volatile organic liquid with a true vapor pressure greater than 0.754 psia in an internal floating roof tank, the permittee shall:
  - a. Submit a report to the appropriate Ohio EPA field office which describes the control equipment installed and certifies that the control equipment meets the specifications of 40 CFR 60.112b(a) and 40 CFR 60.113b(a). This report shall be an attachment to the notification required by 40 CFR 60.7a(3).
  - b. Notify the appropriate Ohio EPA field office in writing at least 30 days prior to the filling or refilling of storage tank No. 16 to afford Ohio EPA 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 the appropriate Ohio EPA field office within 30 days. The report shall identify the reason Tank No. 16 did not meet the specifications of 40 CFR 60.113.b(a)(3) and list each repair made.

**E. Testing Requirements**

1. The permittee shall determine the maximum true vapor pressure according to methods outlined in 40 CFR Part 60, paragraph 60.116 b(e).
2. Compliance with emissions limitation in A.2. shall be determined in accordance with the methods and formulas outlined in AP-42, Storage of Organic Liquids.

**F. Miscellaneous Requirements**

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 14-1304 as issued on 8/7/87: A - E.