

Facility ID: 1431073227 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: 1431073227 Emissions Unit ID: T018 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>
T018 - 1,260,000 gallon fixed cone roof petroleum storage tank.	OAC rule 3745-31-05(A)(3) (PTI 14-05240)	See section B.1.
	OAC rule 3745-31-05(C)	The requirements of this rule also includes compliance with the requirements of OAC rule 3745-31-05(C) and OAC rule 3745-21-09(L)(3).
	40 CFR Part 60 Subpart Kb	See terms A.2.b and A.2.c.
	OAC rule 3745-21-09(L)(3) (when petroleum liquids are stored)	See sections C.2, C.3, C.4, D.1, D.4, E.3 and E.6. Exempt, see section B.1. See section C.1.

2. Additional Terms and Conditions

- (a) Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of submerged fill. The actual emissions of Hazardous Air Pollutants (HAPs) as identified in Section 112(b) of Title III of the Clean Air Act from emission units B002 (20 mmBtu/hr oil heater), J001 (loading rack), R001 (tank truck loading rack), T001 (40,000 bbl. fixed roof storage tank w/submerged fill), T002 (20,000 bbl. fixed roof storage tank w/submerged fill), T003 (25,000 bbl. fixed roof storage tank w/submerged fill), T004 (25,000 BBL. fixed roof storage tank w/submerged fill), T005 (5,000 BBL. fixed roof storage tank w/submerged fill), T006 (5,000 BBL. fixed roof storage tank w/submerged fill), T007 (2,500 BBL. fixed roof storage tank w/submerged fill), T008 (2,500 bbl. fixed roof storage tank w/submerged fill), T009 (2,500 bbl. fixed roof storage tank w/submerged fill), T010 (2,500 bbl. fixed roof storage tank w/submerged fill), T011 (2,500 bbl. fixed roof storage tank w/submerged fill), T013 (42,000 gal. floating roof petro tank), T014 (2.73 MM gallon storage tank), T015 (1.26 MM gallon storage tank), T016 (2.10 MM gallon storage tank), T017 (1.26 MM gallon storage tank), T018 (1.26 MM gallon storage tank), T019 (2.10 MM gallon storage tank), T020 (0.63 MM gallon storage tank) including all de minimus emissions units (as defined in OAC rule 3745-15-05), all emissions units exempt from the requirement to obtain a permit-to-install pursuant to OAC rule 3745-31-03 currently, and future to-be-installed air contaminant sources, combined, shall not exceed 9.9 TPY for any single HAP and 24.9 TPY for any combination of HAPs. Compliance with the above limitations shall be based on a rolling, 12-month summation. The total VOC emissions from emissions units T013-T020 shall not exceed 15.19 TPY based on a rolling, 12-month summation.

B. Operational Restrictions

1. The permittee shall not store any material with a vapor pressure greater than or equal to 0.507 psia in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The identification and type of each liquid material stored in this emissions unit.
 - b. The maximum true vapor pressure, in psia, as stored, of each material.
 - c. The density of the material stored, in pounds per gallon.

- d. The total throughput of each material, in gallons.
2. The permittee shall maintain monthly records of the total emissions of VOC, in tons for this emissions unit.
3. The permittee shall maintain monthly records of the following information for emissions units T013-T020, combined:
 - a. The total combined monthly VOC emissions from emissions units T013-T020, in tons.
 - b. The updated rolling, 12-month summation of the total combined VOC emissions from emissions units T013-T020, in tons. This shall include the information for the current month and the preceding eleven calendar months.
4. The permittee shall maintain the following monthly records for all of the emissions units identified in term A.2.b:
 - a. The total individual HAP emissions for each HAP, in tons.
 - b. The total combined HAPs emissions, in tons (the sum of a).
 - c. The updated rolling, 12-month summation of the total individual HAP emissions for each HAP, in tons. This shall include the information for the current month and the preceding eleven calendar months.
 - d. The updated rolling, 12-month summation of the total combined HAP emissions, in tons. This shall include the information for the current month and the preceding eleven calendar months.
- D. **Reporting Requirements**
 1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month VOC and HAP limitation in terms A.2.b and A.2.c.
 2. The permittee shall submit an annual report which specifies the total VOC emissions from this emissions unit for the previous calendar year. This report shall be submitted by January 31 of each year.
 3. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any record showing that any material stored in the tank exceeded the vapor pressure limit in term B.1 for this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month.
 4. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.
- E. **Testing Requirements**
 1. VOC emissions from the storage tanks shall be determined using AP-42, 5th Edition, Chapter 7, Liquid Storage Tanks, September 1997.
 2. Compliance with section B.1 shall be demonstrated by the recordkeeping in section C.1.
 3. Compliance with the HAP emission limitations specified in term A.2.b shall be demonstrated by the recordkeeping in section C.4.
 4. The VOC emissions from fugitive emissions (i.e., valves, flanges, open ended lines, and pumps) shall be determined using EPA-453/R-95-017, "Protocol for Equipment Leak Emission Estimates."
 5. Should more accurate emission factors be developed during the current permit cycle, the permittee shall use them, provided the new emission factors are mutually agreeable to the Ohio EPA, the Hamilton County Environmental Services and the permittee.
 6. Compliance with the rolling, 12-month VOC emission limitation specified in term A.2.c shall be demonstrated by the recordkeeping in section C.3.
- F. **Miscellaneous Requirements**
 1. The following terms and conditions of this permit are federally enforceable: A, B, C, D and E.