

Facility ID: 1483000170 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: 1483000170 Emissions Unit ID: T008 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>
T008 - Tank 55-8, a 2.2 million gallon Internal Floating Roof (IFR) tank storing gasoline with flexible wiper primary seal	OAC rule 3745-31-05(C) (PTI 14-04049) Synthetic Minor to Avoid Non-Attainment New Source Review and Title V	Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 7.80 tons per year (TPY) based on a rolling, 12-month summation.
	OAC rule 3745-21-09(L)(1) 40 CFR Part 60, Subpart Ka, 60.112a	See term and condition B.1. See terms and conditions A.2.a, A.2.b, and B.2.

2. Additional Terms and Conditions

- (a) The owner or operator of this storage vessel to which 40 CFR Part 60 Subpart Ka applies which contains a petroleum liquid which, as stored, has a true vapor pressure equal to or greater than 10.3 kPa (1.5 psia) but not greater than 76.6 kPa (11.1 psia) shall equip this storage vessel as outlined in the operational restriction in term and condition B.2.
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 install the following control equipment and shall maintain tank vents, seals, and or covers as follows:
 - a. the fixed roof storage tank shall be equipped with an internal floating roof;
 - b. 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 present, shall be set to open or at the manufacturer's recommended setting when the roof is being floated off the roof leg supports; and
 - c. 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.
2. The permittee shall equip and maintain the storage vessel according to the following provisions:
 - a. the storage vessel shall have a fixed roof with an internal floating type cover equipped with a continuous closure device between the tank wall and the cover edge;
 - b. 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;
 - c. 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;
 - d. each opening in the cover, except for the automatic bleeder vents and the rim space vents, is to provide a projection below the liquid surface;
 - e. each opening in the cover, except for the automatic bleeder vents, rim space vents, stub drains, and leg

sleeves is to be equipped with a cover, seal, or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use;

- f. automatic bleeder vents are to be closed at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports; and
- g. rim space vents are to be set to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall maintain records of the following information for the tank:
 - a. the types of petroleum liquids stored in the tank;
 - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute;
 - c. the permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit;
 - d. the period of storage of the stored product; and
 - e. a statement ensuring that all gasoline transferred out of this emissions unit was transferred through the loading rack (emissions unit J002) or transferred between other on-site storage tanks.
- 2. The permittee shall maintain monthly records of the updated rolling, 12-month summation of the actual VOC emissions from working losses and breathing losses, in tons, for each month. This shall include the information for the current month and the preceding eleven months. The permittee shall demonstrate compliance by calculating the actual working losses and breathing losses using the Tanks 4.0 emissions estimating software or other appropriate software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.

D. Reporting Requirements

- 1. The permittee shall notify the Hamilton County Department of Environmental Services within 30 days of the occurrence, of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.
- 2. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month VOC emissions limitation outlined in Section A.1. If no deviations occurred during the reporting period, the permittee shall state so in the report. The permittee shall submit such reports to the Hamilton County Department of Environmental Services by February 15 and August 15 of each year and shall address the data obtained during the previous six-month calendar period (July to December and January to June, respectively).

E. Testing Requirements

- 1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:

Emissions Limitation:

Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 7.80 TPY, based on a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the emissions limitation shall be demonstrated by calculating the actual working losses and breathing losses using the Tanks 4.0 emissions estimating software or other appropriate software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.
- 2. Compliance with the limitation in term and condition A.2.a shall be demonstrated by the record keeping requirements of Section C.1.

F. Miscellaneous Requirements

- 1. The following terms and conditions of this permit are federally enforceable: Sections A, B, C, D, and E.