

Facility ID: 1431072600 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.

[Go to Part II for Emissions Unit T005](#)

[Go to Part II for Emissions Unit T006](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1431072600 Emissions Unit ID: T005 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>
Fuel Tank #6: 7,000-gallon storage tank, with carbon adsorber and submerged fill	OAC rule 3745-31-05(A)(3) (PTI 14-415)	9.11 tons per year (TPY) of organic compound (OC) emissions
	OAC rule 3745-21-07(D)(2)	See A.2 Section below. The control measure specified by this rule is the same as the control measure established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**
 - (a) This emissions unit shall be equipped with a submerged fill pipe. The submerged fill pipe shall be installed within six inches of the bottom of the tank.
This unit shall be equipped with a carbon canister to collect vapors that are emitted during filling and emptying of the tank.

B. Operational Restrictions

1. The permittee shall comply with any applicable state and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of this emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. For a carbon adsorption system that does not regenerate the carbon bed directly on site in the control device, the concentration level of the OC emissions in the exhaust vent stream from the carbon adsorption system shall be monitored on a regular schedule, and the existing carbon shall be replaced with fresh carbon immediately when carbon breakthrough is indicated. The device shall be monitored on a daily basis or at intervals no greater than 20% of the design carbon replacement interval, whichever is greater.
As an alternative to conducting the above monitoring, an owner or operator may replace the carbon in the carbon adsorption system with fresh carbon at a regular, predetermined time interval that is less than the carbon replacement interval that is determined by a maximum design flow rate and the OC concentration in the gas stream vented to the carbon adsorption system.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of each day during which this emissions unit was in operation and did not employ submerged filling or did not employ the carbon adsorption system. These reports shall be submitted to the Hamilton County Department of Environmental Services within 30 days of any such occurrence.
2. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services that specify the total amount of OC emissions, in tons, from this emissions unit for the calendar year. The report shall be submitted by January 31 of each year and cover the previous calendar year.

E. Testing Requirements

1. Compliance with the annual OC emission limitation shall be determined in accordance with the methods and formulas specified in AP-42, 5th Edition, Chapter 7.1, Storage of Organic Liquids, or based upon U.S. EPA Tanks Program 4.0.

F. Miscellaneous Requirements

1. If probable cause exists indicating the unit is causing or contributing to a nuisance in violation of OAC rule 3745-15-07, the permittee shall be required to submit and implement a control program that will bring this unit into compliance.

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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>
Fuel Tank #5: 7,000-gallon storage tank, with carbon adsorber and submerged fill	OAC rule 3745-31-05(A)(3) (PTI 14-415)	9.11 tons per year (TPY) of organic compound (OC) emissions
	OAC rule 3745-21-07(D)(2)	See Section A.2 below. The control measure specified by this rule is the same as the control measure established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) This emissions unit shall be equipped with a submerged fill pipe. The submerged fill pipe shall be installed within six inches of the bottom of the tank. This unit shall be equipped with a carbon canister to collect vapors that are emitted during filling and emptying of the tank.

B. Operational Restrictions

1. The permittee shall comply with any applicable state and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of this emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. For a carbon adsorption system that does not regenerate the carbon bed directly on site in the control device, the concentration level of the OC emissions in the exhaust vent stream from the carbon adsorption system shall be monitored on a regular schedule, and the existing carbon shall be replaced with fresh carbon immediately when carbon breakthrough is indicated. The device shall be monitored on a daily basis or at intervals no greater than 20% of the design carbon replacement interval, whichever is greater. As an alternative to conducting the above monitoring, an owner or operator may replace the carbon in the carbon adsorption system with fresh carbon at a regular, predetermined time interval that is less than the carbon replacement interval that is determined by a maximum design flow rate and the OC concentration in the gas stream vented to the carbon adsorption system.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of each day during which this emissions unit was in operation and did not employ submerged filling or did not employ the carbon adsorption system. These reports shall be submitted to the Hamilton County Department of Environmental Services within 30 days of any such occurrence.
2. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services that specify the total amount of OC emissions, in tons, from this emissions unit for the calendar year. The report shall be submitted by January 31 of each year and cover the previous calendar year.

E. Testing Requirements

1. Compliance with the annual OC emission limitation shall be determined in accordance with the methods and formulas specified in AP-42, 5th Edition, Chapter 7.1, Storage of Organic Liquids, or based upon U.S. EPA Tanks Program 4.0.

F. Miscellaneous Requirements

1. If probable cause exists indicating the unit is causing or contributing to a nuisance in violation of OAC rule 3745-15-07, the permittee shall be required to submit and implement a control program that will bring this unit into compliance.