Facility ID: 1576051486 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

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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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Gasoline Dispensing Facility Two 12,000 gallon gasoline storage tanks and 1,000 gallon kerosene storage tank.	OAC rule 3745-31-05(A)(3) (PTI 15-1280)	The volatile organic compound (VOC) emissions shall not exceed 11 tons/year. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(R). See section B.1. below.
	OAC rule 3745-21-09(R)	Stage I vapor control - 90% control efficiency for VOC and submerged fill for gasoline tanks.

2. **Additional Terms and Conditions**

   (a) None

B. **Operational Restrictions**

1. The permittee shall comply with the following operational restrictions for the Stage I vapor control system:

   a. the vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline;

   b. there shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers;

   c. there shall be no leaks in the vapor lines or liquid lines during the transfer of gasoline;

   d. the transfer of gasoline from a delivery vessel to a stationary storage tank shall be conducted by use of submerged fill into the storage tank. The submerged fill pipe(s) are to be installed so they are within six (6) inches of the bottom of the storage tank;

   e. all fill caps shall be "in place" and clamped during normal storage conditions; and

   f. the permittee shall repair within 15 days any leak from the vapor balance system or vapor control system, which is employed to meet the requirements of paragraph (R)(1) of OAC rule 3745-21-09, when such leak is equal to or greater than 100 percent of the lower explosive limit of propane, as determined under paragraph (K) of OAC rule 3745-21-10.

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

1. The permittee shall maintain records of the results of any leak checks, including, at a minimum, the following information:

   a. date of inspection;

   b. findings (may indicate no leaks discovered or location, nature, severity of each leak).

   c. leak determination method;

   d. corrective action (date each leak repaired and reasons for any repair interval in excess of 15 calendar days); and

e. inspector's name and signature.

2. The permittee shall maintain records of the annual gasoline throughput for the facility and determine the annual VOC emission rate. (See section E.1.a, which explains how to calculate annual VOC emissions).

D. **Reporting Requirements**

1. Any leak from the vapor balance system or vapor control system that is not repaired within 15 days after identification shall be reported to the Canton local air agency within 30 days after the repair is completed.

2. The permittee shall submit a deviation (excursion) report if the annual VOC emissions from this facility exceed 11 tons/yr.

E. **Testing Requirements**

1. Compliance with the annual volatile organic compound (VOC) emission limit in Section A.1 of these terms and conditions shall be calculated as the sum of the VOC emissions from all gasoline storage tank filling and dispensing operations, and, if applicable, diesel, kerosene, and used oil tank filling operations at the gasoline dispensing facility (unless otherwise exempted pursuant to OAC rule 3745-31-03). This calculation shall be based on the actual gasoline, diesel, kerosene, and used oil throughputs for the facility using the calculation factors below.
Emissions Limitation:
11 tons VOC/year.

Applicable Compliance Method:
Multiply the appropriate emission factor below by the gallons of gasoline, diesel, kerosene, or used oil dispensed per year and divide by 2,000 lbs/ton. Repeat this calculation for each material dispensed at the facility and sum the results to yield the total annual VOC emission rate.

(Emission rates (factors) are expressed in pounds (lbs) of organic compounds per 1,000 gallons of gasoline throughput. Emission factors are for VOC as well as total organic compound (OC) emissions because the methane and ethane content of gas is negligible.)

i. Since this gasoline dispensing facility has submerged tank filling with Stage I vapor control for gasoline storage tanks, the emission factor for gasoline storage tank filling and dispensing operations = 13.0 lbs VOC/1,000 gallons. (Gasoline emission factors are from USEPA publication AP-42, Fifth Edition, table 5.2-7).

ii. The emission factor for diesel, kerosene, and used oil tank filling operations when the facility has submerged tank filling = 0.027 lb VOC/1,000 gallons. (This emission factor is the SCC emission factor for transfer operations from diesel storage tanks. It is assumed that the same emission factor applies to kerosene and used oil transfer operations.)

F. **Miscellaneous Requirements**

1. None