

Facility ID: 1431071775 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: 1431071775 Emissions Unit ID: J001 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>
(J001) - Truck and railcar loading for organic liquids	OAC rule 3745-31-05(A)(3) (PTI 14-05227)	Organic Compound emissions (OC) shall not exceed 453 pounds/day and 52.1 tons/year.
		See term A.2.b
	OAC rule 3745-31-05(C)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(C). See term A.2.d.

2. Additional Terms and Conditions

- (a) All organic compounds, except asphalt and No. 6 fuel oil, loaded through this emissions unit shall be accomplished through the use of a submerged filling system. The daily emission limitations outlined above are based on the emissions unit's potential to emit (PTE). Therefore, no records are required to demonstrate compliance with these limits. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of a submerged filling system and the throughput limitations. The actual emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act from emissions units B007, F001, F005, F006, F007, F008, J001, T003-T008, other de minimus air contaminant source, as defined in OAC rule 3745-15-05, and other air contaminant sources exempt from the requirement to obtain a permit-to-install pursuant to OAC rule 3745-31-03 installed subsequent to the issuance of this permit, 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.

B. Operational Restrictions

1. The permittee shall not load gasoline in this emissions unit.
2. The maximum annual throughput of organic compounds, other than asphalt, for this emissions unit shall not exceed 26,280,000 gallons per year, based upon a rolling, 12-month summation of the loading rates.
3. The maximum annual throughput of asphalt for this emissions unit shall not exceed 30,000,000 gallons per year, based upon a rolling, 12-month summation of the asphalt loading rates.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The throughput rate for asphalt and the throughput rate for all other organic materials other than asphalt for each month.
 - b. The rolling, 12-month summation of the throughput rates for asphalt and all other organic materials other than asphalt.
2. The permittee shall maintain monthly records of the name (identification) and amount of any material loaded through this emissions unit. The permittee shall maintain the following monthly records for all of the emissions units at this facility:
 - 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 limitation identified in terms B.2 and B.3.
- 2. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month HAP emission limitations identified in term A.2.d.
- 3. 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. Compliance with the throughput limitations specified in sections B.2 and B.3 shall be demonstrated by the information collected and recorded in section C.2.

- 2. Emissions Limitation:
Volatile Organic Compound emissions (VOC) shall not exceed 453 pounds/day and 52.1 tons/year.

Applicable Compliance Method:
Compliance shall be demonstrated by use of the following equation from
AP-42, Section 5.2.2.,
(January, 1995), Equation 1:

$$LI = 12.46((S \cdot P \cdot M) / T)$$

Where:

LI = loading loss, in pounds per thousand gallons of liquid loaded
S = saturation factor
P = vapor pressure, of liquid loaded, pounds per square inch absolute (psia)
M = molecular weight of vapors, pounds per pound-mole (lb/lb-mole)
T = temperature of liquid loaded, degrees Rankine (degrees F + 460)

- 3. Compliance with the HAP emission limitation in term A.2.d shall be demonstrated by the record keeping in term C.2.

F. Miscellaneous Requirements

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