

Facility ID: 1431080082 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Soil Vapor Extraction System with carbon adsorption canisters or thermal oxidizer	PTI 14-3881	1.52 LBS OC/HR; 36.48 LBS OC/DAY; 6.66 TPY OC.
-	OAC 3745-21-07(G)	See T&C A.2.2. Less stringent than PTI.

2. **Additional Terms and Conditions**
 - (b) Maintain and operate carbon adsorption canisters or a thermal oxidizing unit (with at least a 90% control efficiency) to control all OC emissions from the vacuum blower discharge.

If the calculated daily OC emission rate falls below 10 pounds per day for two consecutive months, then the control requirements above shall be deemed to no longer apply. If subsequent calculations show that the daily OC emission rate is more than 10 pounds per day, then the control requirements above are applicable.

B. Operational Restrictions

None

C. Monitoring and/or Record Keeping Requirements

1. This permittee shall record the following information at least once per month to determine the daily OC emission rate:
 - a. the OC concentration of the air stream at the vacuum blower discharge, in pounds per cubic foot;
 - b. the volumetric air flow rate of the vacuum blower discharge, in cubic feet per minute (cfm); and
 - c. the OC emission rate, i.e., (a)(b)(60 min/hr)(24 hr/day), in pounds of OC per day.

D. Reporting Requirements

1. This facility shall submit semi-annual reports to the Ohio EPA field office which identifies the calculated daily OC emission rate for each month of the reporting period (January through June and July through December).
2. If the tested OC emission rate falls below 10 pounds per day for two consecutive months and the carbon canisters (or thermal oxidizing unit) are (is) removed, this facility shall submit a written report indicating the date that the control equipment was removed to the Ohio EPA field office within 30 days.

E. Testing Requirements

1. Compliance with the OC emission limits in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. divide the calculated daily actual OC emission rate (lb OC/day) by 24 hrs/day = lb OC/hr (average);
 - b. multiply the calculated daily actual OC emission rate (lb OC/day) by the total days operation for each calendar month (days/month), sum the emissions for the calendar months during the calendar year, and divide by 2000 lb/ton = TPY OC.
2. The OC concentration of the air stream shall be measured at least once monthly to determine the daily OC

emission rate using a field photoionization detector (PID).

F. **Miscellaneous Requirements**

None