

Facility ID: 0812100547 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: 0812100547 Emissions Unit ID: P001 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>
Soil Vapor Extraction System; P001	OAC rule 3745-31-05 PTI 08-3750	0.25 pound/hour, 6 pounds/day and 1.09 tons/yr of Organic Compounds
	OAC rule 3745-21-07(G)(2)	less stringent than the OC limit above

2. Additional Terms and Conditions

- (b) The lb/hr, lbs/day and tons/yr organic compound emission limitations specified in this permit were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop recordkeeping and reporting requirements to ensure compliance with these limitations.

B. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the emissions unit is in operation, shall not be less than 1400 degrees Fahrenheit.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor which measures the combustion temperature within the thermal incinerator when the emissions unit is in operation. This shall include appropriate interlocks, set at 1400 degrees Fahrenheit. The monitoring devices shall be capable of accurately measuring the desired parameter. The temperature monitor shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day:

- a. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1400 degrees Fahrenheit.
- b. A log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator does not comply with the temperature limitation specified above.
2. The permittee shall submit quarterly deviation (excursion) reports that identifies all hours and days during which the hourly and daily organic compound emission rate exceeded 0.25 lb/hr and 6 lbs/day respectively, and the actual emission rate for each such hour and day.

These quarterly deviation (excursion) reports shall be submitted in accordance with paragraph (3) of the General Terms and Conditions.

3. The permittee shall operate and maintain a photoionization device to monitor OC emissions in the inlet and outlet from the control device. The photoionization device shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

E. Testing Requirements

1. Compliance with the emission limitation(s) in section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation-
0.25 lb OC/hr

Applicable Compliance Method-

Compliance shall be determined by multiplying the maximum uncontrolled OC emission rate of 5 pounds by a factor of 1 minus the minimum thermal incinerator destruction efficiency of 95 percent. If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-21-10(C). Alternatively the before and after control OC emission rates shall be determined in accordance with the monitoring procedures specified in Section D.3. Based on the stated alternative monitoring procedures, the highest OC emission rate was 0.048 lb/hr, determined on 11/16/98. RAPCA reserves the right to require additional testing for compliance verification purposes.

Emission Limitation-
6.0 lbs OC/day

Applicable Compliance Method-

The lbs/day limitation was developed by multiplying the 0.25 lb/hr (maximum controlled organic compound emissions) by 24 hrs/day (maximum operating daily hours).

Emission Limitation-
1.09 tons OC/yr

Applicable Compliance Method-

The tons/yr limitation was developed by multiplying the 6.0 lbs VOC/day limitation by the maximum operating schedule of 365 days/yr and dividing by 2,000 lbs/ton. Therefore, provided compliance is shown with the daily limitation, compliance will also be shown with the annual limitation.

F. **Miscellaneous Requirements**

1. None