

Facility ID: 1677050188 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: 1677050188 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> |
|--|---|--|
| Electric Drying Oven - Tungsten Carbide Sludge Drying Oven. | OAC rule 3745-31-05(A)(3) (PTI 16-02512) | 2.9 pounds of volatile organic compounds (VOC) per hour |
| | OAC rule 3745-21-07(G)(2) | 12.7 tons of VOC per year See B.1 below. |

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. The permittee shall not employ any liquid organic material in this emissions unit that is considered a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the following information for this emissions unit:
 - a. the identification of each liquid organic material employed; and
 - b. documentation as to whether or not each liquid organic material employed is a photochemically reactive material, as defined by OAC rule 3745-21-01(C)(5).
2. The permittee shall record the following information for each barrel or similar container of sludge processed by this emissions unit:
 - a. weight prior to drying, in pounds;
 - b. weight after drying, in pounds;
 - c. weight loss during drying, in pounds (i.e., (a) - (b));
 - d. the drying time, in hours;
 - e. the average hourly VOC emission rate, in pound(s) per hour (i.e., (c)/(d)).

D. Reporting Requirements

1. The permittee shall notify the Director (the ARAQMD) in writing if a photochemically reactive material (as defined in OAC rule 3745-21-01(C)(5)) was employed in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the ARAQMD) within 45 days after such an occurrence.
2. The permittee shall notify the Director (the appropriate District Office or local air agency) in writing of any record showing that the VOC emissions from this emissions unit exceeded 2.9 pounds per hour. The notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office or local air agency) within 45 days after the event occurs.

E. Testing Requirements

1. Compliance with the emission limitations in section A.1 of these terms and conditions shall be determined in accordance with the following methods:

Emission Limitations:

2.9 pounds of VOC per hour
12.7 tons of VOC per year

Applicable Compliance Method:

Compliance with the hourly allowable VOC emission limitation above shall be demonstrated through the record keeping requirements established in section C.2 of this permit.

If required, the permittee shall demonstrate compliance with the hourly allowable VOC emission limitation based on the results of emission testing conducted in accordance with Methods 1-4 and 18, 25, or 25A, as appropriate, of 40 CFR Part 60, Appendix A.

The annual allowable VOC limitation above was determined by multiplying the hourly allowable VOC limitation by 8760 hours per year, and then dividing by 2000. Therefore, as long as compliance with the hourly allowable emission limitation is maintained, compliance with the annual allowable emission limitation shall be assumed.

F. **Miscellaneous Requirements**

1. None.