

Facility ID: 0868030048 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: 0868030048 Emissions Unit ID: P011 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>
Wastewater Sludge Dryer	PTI: 08-3361	1.0 lbs/hr and 2.1 TPY particulate; 5% opacity NOx: 0.012 lb/hr and < 0.10 TPY CO: 0.005 lb/hr and < 0.10 TPY OC: 0.0014 lb/hr and < 0.10 TPY
	40 CFR Part 61 Subpart E	see 2.c. below

2. Additional Terms and Conditions

- (a) The hourly particulate allowable emission rate and the hourly and TPY allowable emission rates for NOx, CO and OC were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits. The emissions unit P011 shall be continuously controlled through the application of a cyclonic scrubber particulate control device. The total mercury emissions from this source shall not exceed 0.0004 grams per 24-hour period.

B. Operational Restrictions

1. The maximum annual operating hours for this emissions unit shall not exceed 4160.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain daily records which list the following information:
 - a. sludge charging rate, kg/day;
 - b. dry sludge output from the dryer, kg/day; and
 - c. weight fraction of solids in the wet sludge.

2. The permittee shall maintain monthly records of the operating hours for this emissions unit.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the annual operating hours limitation of 4160 hours.
2. The permittee shall submit annual reports to the Director (appropriate District Office or local air agency) which summarize the information required above. The report shall be submitted by January 15th and shall cover the previous twelve calendar months.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - Emission Limitation - 1.0 lbs/hour particulate matter
 - Applicable Compliance Method - If required, compliance shall be based on stack testing pursuant to OAC rule 3745-17-03(B)(10).
 - Emission Limitation - 2.1 TPY particulate matter

Applicable Compliance Method -

Compliance shall be determined by multiplying the average hourly emission rate of 0.01 lb/hour from the most recent compliance test by the total annual operating hours, and dividing by 2,000 lbs/ton.

Emission Limitation -

5% opacity visible emissions limit

Applicable Compliance Method -

Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

Emission Limitation -

0.012 lb/hr NO_x

0.005 lb/hr CO

0.0014 lb/hr OC

Applicable Compliance Method -

Compliance shall be determined by multiplying the appropriate AP-42 emission factor for natural gas external combustion by the maximum hourly natural gas combustion capacity of the emissions unit.

Emission Limitation -

< 0.10 TPY NO_x

< 0.10 TPY CO

< 0.10 TPY OC

Applicable Compliance Method -

Compliance shall be determined by multiplying the annual natural gas usage by the appropriate AP-42 emission factor for natural gas external combustion and dividing by 2,000 lbs/ton.

Emission Limitation -

0.0004 gram mercury per 24-hour period

Applicable Compliance Method -

In accordance with the requirements of PT1 08-3361, the permittee performed sludge sampling and analysis to determine mercury emissions as specified in USEPA Reference Method 105. The results demonstrated mercury emissions to be 48 micrograms per 24-hour period. If required, compliance shall be based on sludge sampling and analysis using the methods and procedures specified in USEPA Reference Method 105.

F. Miscellaneous Requirements

1. The permittee shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the emissions unit.
2. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit are subject to public disclosure in accordance with OAC rule 3745-49-03.