

Facility ID: 1431392213 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: 1431392213 Emissions Unit ID: P104 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>
dry laundry materials conditioning pilot plant with fabric filter	OAC rule 3745-31-05(A)(3) (PTI 14-947)	particulate emissions (PE): 0.3 lb/hr and 1.36 tons/year
	OAC rule 3745-17-07(A)(1)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-17-11(B). Visible PE from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.
	OAC rule 3745-17-11(B)(1)	The PE limitation specified by this rule is less stringent than the hourly PE limitation established pursuant to OAC rule 3745-31-05.

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

**B. Operational Restrictions**

1. The maximum production rate of this emissions unit shall not exceed 2300 lbs/hr.
2. PE from this emissions unit shall be vented to a fabric filter having an actual control efficiency of at least 99%, by weight, for PE.

**C. Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain hourly records of the amount of material produced, in pounds, in this emissions unit.
2. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible emissions from the fabric filter serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the color of the emissions;
  - b. whether the emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
  - d. the total duration of any visible emission incident; and
  - e. any corrective actions taken to eliminate the visible emissions.

**D. Reporting Requirements**

1. The permittee shall submit semiannual written reports that (a) identify all days during which visible emissions were observed from the fabric filter serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible emissions. These reports shall be submitted to the Hamilton County Department of Environmental Services by January 31 and July 31 of each year and shall cover the previous 6-month period.
2. The permittee shall submit quarterly deviation (excursion) reports that identify all time periods during which the

hourly production rate restriction of 2300 pounds was exceeded.

3. The quarterly deviation reports shall be submitted in accordance with the General Terms and Conditions, section A.3.b, of this permit.

**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:

a. Emission Limitation:

Visible PE shall not exceed 20 % opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

Compliance with the visible PE limitation shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, as specified in OAC rule 3745-17-03(B)(1).

b. Emission Limitations:

0.3 lb/hr of PE and 1.36 tons per year of PE

Applicable Compliance Method:

Compliance with the hourly PE limitation shall be determined by testing or by using the emission factor supplied by the permittee (0.3 lb/hr of PE).

Compliance with the annual PE limitation shall be ensured as long as compliance with the hourly PE limitation is maintained (the annual PE limitation was determined by multiplying the hourly limitation by 8760, and then dividing by 2000).

If required, the permittee shall determine compliance with the hourly PE limitation in accordance with Methods 1 through 5 of 40 CFR, Part 60, Appendix A.

c. Production Rate Restriction

The maximum production rate shall not exceed 2,300 lbs/hr.

Applicable Compliance Method:

Compliance with the hourly production rate restriction specified in section B.1 shall be based upon the record keeping performed pursuant to section C.1 of this permit.

d. Control Efficiency Limitation:

The fabric filter shall have an actual control efficiency of at least 99%, by weight, for PE

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with the control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) in accordance with the test methods and procedures specified in Method 5 of 40 CFR, Part 60, Appendix A.

**F. Miscellaneous Requirements**

1. None