

Facility ID: 1677010195 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: 1677010195 Emissions Unit ID: P024 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>
Resin manufacturing process (including coagulator, dewaterer, and dryers), 4000 lbs/hr maximum production, controlled with fabric filters	OAC rule 3745-17-11	6.52 lbs/hr of particulate matter
	OAC rule 3745-17-07	20% opacity as a six-minute average, except as provided by rule
	OAC rule 3745-17-08	no visible particulate emissions from building ventilation (i.e., no visible fugitive particulate emissions)
	OAC rule 3745-21-07(G)(9)(c)	See A.2.a below.

2. Additional Terms and Conditions

- (a) The permittee shall not use any photochemically reactive material, as defined in OAC rule 3745-21-01 (C)(5).
The permittee shall employ the following reasonably available control measures to prevent fugitive particulate emissions:
 - i. the installation and employment of three fabric filters (baghouses), in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately control particulate emissions from the Tailor Airveyor, Fluid Bed Dryer, and Fuller Airveyor operations (the three baghouses corresponding to the above operations are identified respectively as the Tailor baghouse, 30-foot baghouse, and Fuller baghouse); and
 - ii. the installation and employment of hoods, ducts, fans, and other equipment, in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately enclose, contain, capture, and vent particulate matter to each of the three baghouses.

B. Operational Restrictions

1. The maximum hourly production rate for this emissions unit shall not exceed 4000 lbs/hr.
2. The pressure drops across each of the three baghouses shall be maintained within the ranges, as specified below, while the emissions unit is in operation:
 - a. Tailor baghouse: 4 to 6 inches of water;
 - b. 30-foot baghouse: 2 to 5 inches of water; and
 - c. Fuller baghouse: 2 to 4 inches of water.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.
2. The permittee shall maintain the following production records on a daily basis:

- a. the resin production, in pounds/day;
 - b. the production operating time, in hours/day; and
 - c. the calculated hourly production rate, in pounds/hour (i.e., $c = a/b$).

D. Reporting Requirements

- 1. The permittee shall submit deviation (excursion) reports that identify all exceedances of the maximum allowable hourly production rate.
- 2. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop(s) across the baghouse(s) did not comply with the allowable range(s) specified above.
- 3. The deviation (excursion) reports shall be submitted in accordance with the requirements of Section 3 of the General Terms and Conditions.

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 Limitation:

6.52 lbs/hr of particulate matter
 - Applicable Compliance Method:

Stack testing may be required to demonstrate compliance per OAC rule 3745-17-03(B)(10).
 - Emissions Limitation:

20% opacity as a six-minute average, except as provided by rule
 - Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)
 - Emissions Limitation:

no visible particulate emissions from building ventilation
 - Applicable Compliance Method:

OAC rule 3745-17-03(B)(4)

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 sources.
- 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.