

Facility ID: 1652100053 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.

[Go to Part II for Emissions Unit P005](#)

[Go to Part II for Emissions Unit P008](#)

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Facility ID: 1652100053 Emissions Unit ID: P005 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>
Pneumatic conveyance system -- unblended finished product transferred from tote bin to blending silos, blended finished product transferred from blending silos to packout cyclone; organic compound (OC) emissions uncontrolled; particulate emissions (PE) from storage silos and cyclone controlled by a fabric filter (baghouse).	OAC rule 3745-31-05(A)(3) (PTI 16-01930)	OC emissions shall not exceed 1.1 pounds/hour & 4.8 tons/year.  No photochemically reactive materials (PRMs), as defined in OAC rule 3745-21-01(C)(5), shall be employed in this emissions unit.  PE from the storage silos and cyclone shall be vented to a baghouse, which shall be operated and maintained in accordance with the manufacturer's specifications, instructions and operating manual(s).  PE shall not exceed 4.2 pounds/hour and 18.4 tons/year (total stack emissions).  Visible PE from any stack shall not exceed 10% opacity, as a 6-minute average.  The requirements of OAC rule 3745-31-05(A)(3) also include compliance with the requirements of OAC rule 3745-17-07(A).  The emissions limitations specified by these rules are less stringent than the emissions limitations established pursuant to OAC rule 3745-31-05(A)(3).  Exempt from the requirements of OAC rule 3745-21-07(G)(2) per OAC rule 3745-21-07(G)(9).
	OAC rule 3745-17-07(A) OAC rule 3745-17-11(B)	
	OAC rule 3745-21-07(G)	

**2. Additional Terms and Conditions**

- (a) The PE emissions limit of 4.2 pounds per hour and the OC emissions limit of 1.1 pounds per hour, established pursuant to OAC rule 3745-31-05(A)(3), reflect the potential to emit of this emissions unit. Therefore, no monitoring, record keeping, or reporting requirements are necessary to ensure ongoing compliance with these emissions limits.  
  
However, the permittee shall apply for and, if required, obtain a final permit to install prior to equipment replacement or any proposed modification of equipment or production procedures, or any other change that would increase the potential emissions of any air pollutant.

**B. Operational Restrictions**

1. The permittee shall employ the baghouse serving this emissions unit at all times this emissions unit is in operation.
2. Except for an initial operating period after filter media replacement to attain design filtering efficiency, the pressure drop across the baghouse serving this emissions unit shall be maintained within the range of 1 to 5 inches of

water while the emissions unit is in operation.

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

1. The permittee shall document when the baghouse serving this emissions unit was not in service when the emissions unit was in operation.
2. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse serving this emissions unit, while the emissions unit is in operation. The monitoring equipment shall be 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.
3. The permittee shall perform weekly checks, when the emissions unit is in operation and when weather conditions allow, for any visible particulate emissions from the emissions unit and/or the baghouse serving this emissions unit. The presence or absence of any visible particulate emissions from the emissions unit and/or baghouse shall be noted weekly in an operations log. If visible particulate emissions are observed, the permittee shall also note the following in an 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 determined cause of the abnormal emissions if a cause can be determined upon investigation;
  - d. the total duration of the visible emissions incident; and
  - e. any corrective actions taken to eliminate the visible emissions.
4. On any day the permittee employs any photochemically reactive material(s) in this emissions unit, as defined in OAC rule 3745-21-01(C)(5), the following information shall be collected and recorded:
  - a. the company identification of each liquid organic material, excluding non photochemically reactive cleanup materials, employed in the emissions unit during each such day;
  - b. the total quantity of liquid organic material(s) emitted, in pounds, excluding non photochemically reactive cleanup materials, from the emissions unit during each such day;
  - c. the actual number of hours of operation of the emissions unit during each such day; and
  - d. the average hourly rate of liquid organic material(s) emitted, in pounds/hour, excluding non photochemically reactive cleanup materials, from the emissions unit during each such day, i.e.,  $d = b/c$ .

**D. Reporting Requirements**

1. The permittee shall notify the Director (the appropriate District Office or local air agency) in writing of any record showing that the baghouse serving this emissions unit was not in service when the emissions unit was in operation. 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 30 days after the event occurs.
2. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse serving this emissions unit did not comply with the allowable range specified above. These reports are due by the dates described in Part 1 - General Terms and Conditions of this permit under section (A)(1).
3. The permittee shall submit on a semiannual basis a report which (a) identifies all days during which any visible particulate emissions were observed from the emissions unit and/or any baghouse serving this emissions unit and (b) describes the corrective actions taken to minimize or eliminate the visible particulate emissions. These reports shall be submitted by January 31 and July 31 of each year to the Director (District Office or local air agency).
4. The permittee shall submit deviation (excursion) reports which identify the days during which photochemically reactive materials were employed in the emissions unit. Each report shall identify the cause for the use of the photochemically reactive material(s) and the estimated total quantity of material(s) emitted in pounds, hourly and daily, during each such day.

These reports are due by the dates described in Part 1 - General Terms and Conditions of this permit under section (A)(1).

**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 Visible PE from any stack shall not exceed 10% opacity, as a 6-minute average.  
  
Applicable Compliance Method: If required, compliance shall be determined by visible emission evaluations performed in accordance with the requirements in 40 CFR Part 60, Appendix A, Method 9 and the methods and procedures specified in OAC rule 3745-17-03(B)(1).  
Emission Limitation: PE shall not exceed 4.2 pounds/hour and 18.4 tons/year (total stack emissions).  
  
Applicable Compliance Method: If required, compliance shall be determined in accordance with the requirements in 40 CFR Part 60, Appendix A, Method 5 and the methods and procedures specified in OAC rule 3745-17-03(B)(10).  
Emission Limitation: OC emissions shall not exceed 1.1 pounds/hour & 4.8 tons/year.  
  
Applicable Compliance Method: If required, compliance with these mass emissions limitations shall be demonstrated based upon the methods and procedures specified in Methods 1 through 4 and Method 25 or 25A of 40 CFR Part 60, Appendix A.

**F. Miscellaneous Requirements**

1. The permittee requests that all calculations and records relating to emissions unit operations and conditions be afforded trade secret protection as specified in OAC rule 3745-49-03(A) and OAC rule 3745-49-031(C) and (D).

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Facility ID: 1652100053 Emissions Unit ID: P008 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

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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.
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  - (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>
Pneumatic conveyance system -- unblended finished product transferred from tote bin to blending silos, blended finished product transferred from blending silos to packout cyclone; organic compound (OC) emissions uncontrolled; particulate emissions (PE) from storage silos and cyclone controlled by a fabric filter (baghouse).	OAC rule 3745-31-05(A)(3) (PTI 16-01930)	OC emissions shall not exceed 1.1 pounds/hour & 4.8 tons/year.  No photochemically reactive materials (PRMs), as defined in OAC rule 3745-21-01(C)(5), shall be employed in this emissions unit.  PE from the storage silos and cyclone shall be vented to a baghouse, which shall be operated and maintained in accordance with the manufacturer's specifications, instructions and operating manual(s).  PE shall not exceed 4.2 pounds/hour and 18.4 tons/year (total stack emissions).  Visible PE from any stack shall not exceed 10% opacity, as a 6-minute average.  The requirements of OAC rule 3745-31-05(A)(3) also include compliance with the requirements of OAC rule 3745-17-07(A).  The emissions limitations specified by these rules are less stringent than the emissions limitations established pursuant to OAC rule 3745-31-05(A)(3).  Exempt from the requirements of OAC rule 3745-21-07(G)(2) per OAC rule 3745-21-07(G)(9).
	OAC rule 3745-17-07(A)	
	OAC rule 3745-17-11(B)	
	OAC rule 3745-21-07(G)	

**2. Additional Terms and Conditions**

- (a) The PE emissions limit of 4.2 pounds per hour and the OC emissions limit of 1.1 pounds per hour, established pursuant to OAC rule 3745-31-05(A)(3), reflect the potential to emit of this emissions unit. Therefore, no monitoring, record keeping, or reporting requirements are necessary to ensure ongoing compliance with these emissions limits.  
  
However, the permittee shall apply for and, if required, obtain a final permit to install prior to equipment replacement or any proposed modification of equipment or production procedures, or any other change that would increase the potential emissions of any air pollutant.

**B. Operational Restrictions**

1. The permittee shall employ the baghouse serving this emissions unit at all times this emissions unit is in operation.
2. Except for an initial operating period after filter media replacement to attain design filtering efficiency, the pressure drop across the baghouse serving this emissions unit shall be maintained within the range of 1 to 5 inches of water while the emissions unit is in operation.

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

1. The permittee shall document when the baghouse serving this emissions unit was not in service when the

emissions unit was in operation.

2. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse serving this emissions unit, while the emissions unit is in operation. The monitoring equipment shall be 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.
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  - b. whether the emissions are representative of normal operations;
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  - e. any corrective actions taken to eliminate the visible emissions.
4. On any day the permittee employs any photochemically reactive material(s) in this emissions unit, as defined in OAC rule 3745-21-01(C)(5), the following information shall be collected and recorded:
  - a. the company identification of each liquid organic material, excluding non photochemically reactive cleanup materials, employed in the emissions unit during each such day;
  - b. the total quantity of liquid organic material(s) emitted, in pounds, excluding non photochemically reactive cleanup materials, from the emissions unit during each such day;
  - c. the actual number of hours of operation of the emissions unit during each such day; and
  - d. the average hourly rate of liquid organic material(s) emitted, in pounds/hour, excluding non photochemically reactive cleanup materials, from the emissions unit during each such day, i.e.,  $d = b/c$ .

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3. The permittee shall submit on a semiannual basis a report which (a) identifies all days during which any visible particulate emissions were observed from the emissions unit and/or any baghouse serving this emissions unit and (b) describes the corrective actions taken to minimize or eliminate the visible particulate emissions. These reports shall be submitted by January 31 and July 31 of each year to the Director (District Office or local air agency).
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These reports are due by the dates described in Part 1 - General Terms and Conditions of this permit under section (A)(1).

**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 Visible PE from any stack shall not exceed 10% opacity, as a 6-minute average.
 

Applicable Compliance Method: If required, compliance shall be determined by visible emission evaluations performed in accordance with the requirements in 40 CFR Part 60, Appendix A, Method 9 and the methods and procedures specified in OAC rule 3745-17-03(B)(1).  
 Emission Limitation: PE shall not exceed 4.2 pounds/hour and 18.4 tons/year (total stack emissions).

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 Emission Limitation: OC emissions shall not exceed 1.1 pounds/hour & 4.8 tons/year.

Applicable Compliance Method: If required, compliance with these mass emissions limitations shall be demonstrated based upon the methods and procedures specified in Methods 1 through 4 and Method 25 or 25A of 40 CFR Part 60, Appendix A.

**F. Miscellaneous Requirements**

1. The permittee requests that all calculations and records relating to emissions unit operations and conditions be afforded trade secret protection as specified in OAC rule 3745-49-03(A) and OAC rule 3745-49-031(C) and (D).