

Facility ID: 0857700712 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: 0857700712 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>
Solvent Mixer #7 (Day Mixer #7)	OAC rule 3745-21-07(G)	none see B.1.
	OAC rule 3745-17-11	2.40 lbs particulate/hr
	OAC rule 3745-17-07(A)	visible emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by rule

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

**B. Operational Restrictions**

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.
2. The pressure drop across the baghouse shall be maintain within the range of 2 - 4 inches of water while the emissions unit is in operation.

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

1. The permittee shall collect and record the following information each month:
  - a. the name and identification of each solvent employed in this emissions unit, and
  - b. whether or not each solvent employed is a photochemically reactive material,
2. 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 weekly basis.

**D. Reporting Requirements**

1. The permittee shall submit deviation reports which identify the days during which photochemically reactive materials were employed in this 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 during each such day, in pounds. Each report shall be submitted to the Director (appropriate DO or LAA) within 30 days of the deviation.
2. The permittee shall submit pressure drop deviations (excursion) reports that identify that all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above. The notification shall include a copy of such record and shall be submitted to the Director (the appropriate District Office or local air agency) within 30 days following the exceedances.

**E. Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.1 of these terms and conditions shall be determined in accordance with the following method(s):  
Emission Limitation-  
2.40 lbs particulate/hr

**Applicable Compliance Method-**

Compliance shall be calculated using the following formula:

$$\text{lb PM} = (\text{mixer size (gal)} * \text{density of product (lb/gal)} * \% \text{ powder} * \text{Emission Factor}^{**}) / (\text{batch time (hr)})$$

The resulting lb/hr PM from this equation shall then be multiplied by a baghouse control efficiency of (1 - .99).

**\*\*Emission Factor** developed in house based on testing in Findley, MN plant.

**Emission Limitation-**

20% opacity, as a 6-minute average, except as provided by rule

**Applicable Compliance Method-**

Compliance shall be determined through visible emissions observations performed in accordance with Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

**F. Miscellaneous Requirements**

1. None