

Facility ID: 0857092053 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: 0857092053 Emissions Unit ID: P001 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>
Plastisol rota-dip process (24 machines) with ESP control	OAC rule 3745-31-05(A)(3) PTI 08-2326	0.551 lb/hour particulates from each machine
		13.5 TPY particulates total from all twenty-four machines
	OAC rule 3745-17-07(A)	20% opacity visible emissions, as a six-minute average equivalent to visible emission limitation established as BAT under OAC rule 3745-31-05(A)(3)
	OAC rule 3745-17-11(B)(1)	equivalent to particulate emission limitation established as BAT under OAC rule 3745-31-05(A)(3)

**2. Additional Terms and Conditions**

- (a) The 0.551 lb/hour particulates limitation was established for PTI purposes to reflect the potential to emit for these plastisol machines. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

**B. Operational Restrictions**

1. The maximum annual operating hours for this emissions unit shall not exceed 2050 for each machine.

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

1. The permittee shall maintain monthly records of the operating hours for each machine of this emissions unit.
2. The permittee shall perform inspections of the ESP control equipment associated with this emissions unit. These inspections shall assure the proper operation of the control equipment and identify any necessary repairs to the control system.

**D. Reporting Requirements**

1. The permittee shall submit annual reports which identify any exceedances of the annual operating hours limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

**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 - 0.551 lb/hour particulates
  - Applicable Compliance Method - Compliance shall be determined by multiplying the maximum hourly plastisol usage rate by the company derived loss factor of 1% and by the ESP control efficiency of 50% (1 - 0.50). If required, compliance shall be based upon stack testing in accordance with OAC rule 3745-17-03(B)(10).
  - Emission Limitation - 13.5 TPY particulates
  - Applicable Compliance Method - The 13.5 TPY limitation was developed by multiplying the hourly allowable emission limitation of 0.551 lb/hour

for each machine by the total number of machines (24 machines) and the maximum annual operating schedule of 2050 hours/year. Compliance shall be determined by multiplying the hourly emission rate by the total hours of operation for all 24 machines for the calendar year, divided by 2,000 pounds per ton.

Emission Limitation -

20% opacity visible emissions, as a six-minute average

Applicable Compliance Method -

Compliance shall be determined by visible emissions 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 -

2050 hours/year operation for each machine

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in C.1.

F. **Miscellaneous Requirements**

1. None