Facility ID: 1677050170 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 K001
Go to Part II for Emissions Unit K002

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1677050170 Emissions Unit ID: K001 Issuance type: Final State Permit To Operate

Go to the top of this document

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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Downdraft paint spray booth with flash off oven and polyester filters	OAC rule 3745-31-05 (PTI 16-1754)	2.85 TPY of organic material 0.25 TPY of particulate matter 1% opacity as a 6-minute average See B.1 below.
	OAC rule 3745-17-07	See A.2.a below.
	OAC rule 3745-17-11	0.551 lb/hr of particulate matter
	OAC rule 3745-21-09(U)	See A.2.b below.

2. **Additional Terms and Conditions**

   (a) The visible particulate emissions limitation required by OAC rule 3745-17-07 is less stringent than the visible particulate emissions limitation required by OAC rule 3745-31-05.
   The coating usage restriction required by OAC rule 3745-21-09(U) is less stringent than the coating usage restriction required by OAC rule 3745-31-05.

B. **Operational Restrictions**

1. The permittee shall not employ more than 3.0 gallons of coating, as applied, in any one day in this emissions unit.

2. The permittee shall employ polyester filters to control particulate matter emissions during the operation of this emissions unit.

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

1. The permittee shall collect and record the following information each day for the coating line:

   a. the name and identification number of each coating employed;

   b. the volume, in gallons, of each coating employed; and

   c. the total volume, in gallons, of all of the coatings employed.

D. **Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.

E. **Testing Requirements**

1. Compliance with the emission limitations and the operational restriction in Sections A.1 and B.1 of these terms and conditions shall be determined in accordance with the following methods:
   Emission Limitation:

   1% opacity as a 6-minute average

Applicable Compliance Method:

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

0.551 lb/hr of particulate matter

Applicable Compliance Method:

To determine the actual worst case particulate emissions rate, the following equation shall be used:

E = U*P*(1-CE)

E = the particulate emission rate in pounds per hour

U = maximum coating usage rate in gallons per hour

P = particulate emissions factor rate for enamel paint(worst case) 5.5 PM (lbs/gallon)

CE = fractional control efficiency of the control equipment
Emission Limitation:

2.85 TPY of organic material

Applicable Compliance Method:

Daily records shall be maintained that record the usage of all coatings employed in the individual coating lines. The annual organic material limit was based on the potential to emit considering a 3.0 gallon per day paint usage limit, therefore no recordkeeping is required to demonstrate compliance with this limitation.
Emission Limitation:

0.25 TPY of particulate matter

Applicable Compliance Method:

This emissions limitation was based on the potential to emit of particulate matter considering the coating usage limitation, and the overall control efficiency of the fabric filters.
Operational Restriction:

3.0 gallons of coating(s) applied per day

Applicable Compliance Method:

Daily records shall be maintained of the organic compound content of each coating and cleanup material employed, the daily usage of each coating and cleanup material employed, and the calculated average hourly and daily organic compound emission rates for all coatings and cleanup materials employed. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of each coating and cleanup material.

F. **Miscellaneous Requirements**

1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1677050170 Emissions Unit ID: K002 Issuance type: Final State Permit To Operate

Go to the top of this document

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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control

		Measures
Downdraft paint spray booth with flash off oven and polyester filters	OAC rule 3745-31-05 (PTI 16-1754)	2.85 TPY of organic material 0.25 TPY of particulate matter 1% opacity as a 6-minute average See B.1 below.
	OAC rule 3745-17-07	See A.2.a below.
	OAC rule 3745-17-11	0.551 lb/hr of particulate matter
	OAC rule 3745-21-09(U)	See A.2.b below.

2. **Additional Terms and Conditions**

(a) The visible particulate emissions limitation required by OAC rule 3745-17-07 is less stringent than the visible particulate emissions limitation required by OAC rule 3745-31-05.
The coating usage restriction required by OAC rule 3745-21-09(U) is less stringent than the coating usage restriction required by OAC rule 3745-31-05.

B. **Operational Restrictions**

1. The permittee shall not employ more than 3.0 gallons of coating, as applied, in any one day in this emissions unit.

2. The permittee shall employ polyester filters to control particulate matter emissions during the operation of this emissions unit.

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

1. The permittee shall collect and record the following information each day for the coating line:

a. the name and identification number of each coating employed;

b. the volume, in gallons, of each coating employed; and

c. the total volume, in gallons, of all of the coatings employed.

D. **Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.

E. **Testing Requirements**

1. Compliance with the emission limitations and the operational restriction in Sections A.1 and B.1 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:

1% opacity as a 6-minute average

Applicable Compliance Method:

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

0.551 lb/hr of particulate matter

Applicable Compliance Method:

To determine the actual worst case particulate emissions rate, the following equation shall be used:

E = U*P*(1-CE)

E = the particulate emission rate in pounds per hour

U = maximum coating usage rate in gallons per hour

P = particulate emissions factor rate for enamel paint(worst case) 5.5 PM (lbs/gallon)

CE = fractional control efficiency of the control equipment
Emission Limitation:

2.85 TPY of organic material

Applicable Compliance Method:

Daily records shall be maintained that record the usage of all coatings employed in the individual coating lines. The annual organic material limit was based on the potential to emit considering a 3.0 gallon per day paint usage limit, therefore no recordkeeping is required to demonstrate compliance with this limitation.
Emission Limitation:

0.25 TPY of particulate matter

Applicable Compliance Method:

This emissions limitation was based on the potential to emit of particulate matter considering the coating usage limitation, and the overall control efficiency of the fabric filters.
Operational Restriction:

3.0 gallons of coating(s) applied per day

Applicable Compliance Method:

Daily records shall be maintained of the organic compound content of each coating and cleanup material employed, the daily usage of each coating and cleanup material employed, and the calculated average hourly and daily organic compound emission rates for all coatings and cleanup materials employed. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of each coating and cleanup material.

F. **Miscellaneous Requirements**

1. None