

Facility ID: 0511010033 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: 0511010033 Emissions Unit ID: R004 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>
R004- Interior Sprayed with Long Wand, and Paint Gun inside booth with Exhaust Fan and Filter	OAC rule 3745-21-09(U)	See Section A.2.a below.
	OAC rule 3745-17-07(A)(1)	See Section A.2.b below.
	OAC rule 3745-17-11(B)	See Section A.2.c.

2. Additional Terms and Conditions

- (a) The requirements of OAC rule 3745-21-09(U) does not apply to this emissions unit since:
 - a. this emissions unit is located in Champaign County, which is not listed under OAC rule 3745-21-09(A)(1);
 - b. the emissions unit was constructed and not modified since March 27, 1981, which is required unit under OAC rule 3745-21-09(A)(3)(b)(i); and
 - c. the facility does not have the potential to emit one hundred tons of VOC per year, which are required under OAC rule 3745-21-09(A)(3)(b)(ii).

This emissions unit will be required to meet the requirements of OAC rule 3745-21-09(U) will this emissions unit is modified and/or the overall facility-wide VOC potential to emit is equal or greater than one hundred tons per year. Prior to modifying this emissions unit in a manner that would change the type of pollutants emitted and/or increase the amount emitted above the potential emission rate, the permittee shall apply for and obtain a Permit to Install and comply with all appropriate Federal and State requirements.

Visible PE from any stack serving this emissions unit shall not exceed 20 % opacity, as a six-minute average, except as specified by rule.

The uncontrolled mass rate of particulate emissions (UMPE) from this emissions unit is less than 10 lbs/hr. Therefore, pursuant to OAC rule 3745-17-11 (A)(2)(a)(ii), Figure II in OAC rule 3745-17-11 does not apply.

B. Operational Restrictions

1. The permittee shall operate the dry filtration system for the control of particulate emissions whenever this emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

D. Reporting Requirements

1. The permittee shall notify the Director (appropriate District Office or local air agency) in writing of any record showing that the dry filtration system was not in service when this emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (appropriate District Office or local air agency) within 30 days after the event occurs.

E. Testing Requirements

1. The Potential to Emit/Federally Enforceable Emissions Limitations from this emissions unit is based on the following:
Hourly Maximum Potential volatile organic compound (VOC) emissions:

8.75 lbs of VOC per hour

Calculation Method:

$$\text{HER} = \text{Cu} \times \text{Vc}$$

where:

HER = Hourly Emission Rate, from the use of coating, in lbs/hr;
Cu = maximum coating usage rate, in gallons per hour (2.5 gallons, from Emission Activity Category (EAC) form submitted by Q3); and
Vc = maximum VOC content, in lbs/gal (3.5 lbs of VOC/gal, from MSD sheet submitted by Q3 with EAC form).
Annual Maximum Potential volatile organic compound (VOC) emissions:

38.72 ton of VOC per year

Calculation Method:

$$\text{AER} = \{[(\text{Cu} \times 8760) \times \text{Vc}] + [(\text{Clu} \times 12) \times \text{Clc}]\} / 2000$$

where:

AER = Annual Emission Rate, from the use of coating and cleanup materials, in tons/yr;
Cu = maximum coating usage rate, in gallons per hour (2.5 gallons, from Emission Activity Category (EAC) form submitted by Q3);
Vc = maximum VOC content of coatings, in lbs/gal (3.5 lbs of VOC/gal, from MSD sheet submitted by Q3 with EAC form);
Clu = Cleanup material usage, gallons per month (9.2 gallons, from EAC form submitted by Q3); and
Clc = maximum VOC content of the cleanup materials employed, in lbs/gal (7.26 lbs/gallon, cleanup is toluene).
Annual Maximum Potential Hazardous Air Pollutant (HAP):

0.4 tons per year

Calculation Method:

$$\text{AER} = \{[(\text{Cu} \times 8760) \times \text{Vh}] + [(\text{Clu} \times 12) \times \text{Clh}]\} / 2000$$

where:

AER = Annual Emission Rate, from the use of coating and cleanup materials, in tons/yr;
Cu = maximum coating usage rate, in gallons per hour (2.5 gallons, from Emission Activity Category (EAC) form submitted by Q3);
Vh = maximum HAP content of coatings, in lbs/gal (0.0 lbs of VOC/gal, from MSD sheet submitted by Q3 with EAC form);
Clu = Cleanup material usage, gallons per month (9.2 gallons, from EAC form submitted by Q3); and
Clh = maximum VOC content of the cleanup materials employed, in lbs/gal (7.26 lbs/gallon, cleanup is toluene).

2. Compliance with the emission limitations in Section A.I. of these terms and conditons shall be determined in accoradnce with the following methods:

- a. Emission Limitation.

Visible Emissions from any stack serving this emissions unit shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

When requested by the Ohio EPA, compliance with the above visible emission limitation shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

F. **Miscellaneous Requirements**

1. None