

Facility ID: 0278080757 Issuance type: Title V Proposed Permit

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 III" and before "I. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Part II - Specific Facility Terms and Conditions

a State and Federally Enforceable Section

1. None

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b State Only Enforceable Section

1. The following insignificant emissions units are located at this facility:

- Z001 - Bridgedeck Line
- Z002 - Facing Machines
- Z003 - Roll Forming Mills
- Z004 - Pipe Rolling/Welding
- Z005 - Wastewater Treatment
- Z006 - Cooling Towers
- Z007 - Hydrostatic Testers(3)
- Z008 - Wood Pallet Shop
- Z009 - Soluble Oil Tank
- Z010 - Rolling Oil Tank
- Z011 - Space Heaters
- Z012 - Machine Shop
- Z013 - Cold Solvent Cleaning
- Z014 - Gasoline Tank/AST
- Z015 - Diesel Tank/AST
- Z016 - Pines Bender
- Z017 - VHT Miter Saw
- Z018 - Roads and Parking

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a Permit to Install for the emissions unit.

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0278080757 Emissions Unit ID: K001 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
Varnish line for clear coating of iron pipe	OAC rule 3745-21-09(U)(1)(a)	See A.I.2.a.
	OAC rule 3745-31-05 PTI No. 02-12563	See A.I.2.b.
	OAC rule 3745-17-07(A)(1)	215 tons per year VOC Visible particulate emissions from this emissions unit shall not exceed twenty percent opacity, as a six-minute average, except as provided by the rule.
	OAC rule 3745-17-11(B)(1)	PE: 0.551 lb/hr

2. Additional Terms and Conditions

- a. The volatile organic compound (VOC) content shall not exceed 4.3 pounds VOC per gallon of coating, excluding water and exempt solvents.
- b. The VOC emissions from the coatings employed in this emissions unit shall not exceed 1176 pounds of VOC per day.

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II. Operational Restrictions

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

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the line:
 - a. the name and identification number of each coating, as applied;
 - b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied; and
 - c. the total VOC emissions from all the coating materials employed, in pounds.
2. 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.
3. The permittee shall collect and record the following information for the purpose of determining annual VOC emissions:
 - a. the name and identification of each cleanup material employed;
 - b. the VOC content of each cleanup material, in pounds per gallon;
 - c. the number of gallons of each cleanup material employed; and
 - d. the total VOC emissions from all coatings and cleanup materials employed, in tons.

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IV. **Reporting Requirements**

1. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any monthly record showing the use of noncomplying coatings (for VOC content). The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 30 days following the end of the calendar month.
2. The permittee shall submit deviation (excursion) reports that identify all the days when the VOC emission rate for this emissions unit exceeded 1176 pounds per day. Each report shall specify each such day's emission rate and shall be sent to the Director (the Ohio EPA Northeast District Office) within 30 days following the end of the calendar month.
3. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the dry filtration system 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 Ohio EPA Northeast District Office) within 30 days after the exceedance occurs.
4. The permittee shall also submit annual reports which specify the total VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by April 15 of each year.

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V. **Testing Requirements**

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

4.3 lbs of VOC per gallon coating, excluding water and exempt solvents.

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in Section A.III.1. The VOC contents of the coating materials shall be based upon USEPA Method 24 or formulation data.
 - b. Emission Limitation:

1176 pounds of VOC per day.

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in Section A.III.3.
 - c. Emission Limitation:

0.551 lb particulate emissions/hr

Applicable Compliance Method:

To determine the actual worst case emission rate for particulates, the following equation shall be used:

$$E = \text{maximum coating solids usage rate (in pounds per hour)} \times (1-TE) \times (1-CE)$$

Where,

E = particulate emission rate (lb/hr)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used

CE = control efficiency of the control equipment
 - d. Emission Limitation:

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

Applicable Compliance Method:

U.S.EPA reference method 9, if required by the Ohio EPA.
 - e. Emission Limitation:

215 tons per year VOC

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in Section A.III.3. of this permit.

Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the cleanup materials.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0278080757 Emissions Unit ID: K001 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **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>
2. Additional Terms and Conditions			
1.	None		

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II. **Operational Restrictions**

1. None

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

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None