

Facility ID: 0250000044 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:

N001 - Burn-Off Oven  
Z001 - 7-Stage Wash  
Z002 - Dry-Off Oven  
Z003 - Prime Bake Oven  
Z004 - Finish Oven  
Z005 - Mig/Tig Welding  
Z006 - Kerosene Tank

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

- [Go to Part III for Emissions Unit K001](#)
- [Go to Part III for Emissions Unit K002](#)
- [Go to Part III for Emissions Unit K003](#)
- [Go to Part III for Emissions Unit K004](#)

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**Part III - Terms and Conditions for Emissions Units**

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Facility ID: 025000044 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>
Spray paint booth with water wash	OAC 3745-21-09 (U)(1)(c) OAC 3745-17-11 (B)(1) OAC 3745-17-07 (A)(1)	see A.1.2.2.a PM: 0.551 lb/hr Visible particulate matter emissions shall not exceed 20% opacity, as a six-minute average, except as provided by the rule.

**2. Additional Terms and Conditions**

- a. The volatile organic compound (VOC) content shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water and exempt solvent(s), on a daily volume-weighted average.

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**II. Operational Restrictions**

1. The permittee shall operate the water wash at all times to control paint overspray (PM).

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

1. The permittee shall collect and record the following information on a daily basis for the line:
  - a. The name and identification number of each coating, as applied.
  - b. The VOC content (excluding water and exempt solvent(s)) and the number of gallons (excluding water and exempt solvent(s)) of each coating, as applied.
  - c. The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.
  - d. The total number of gallons of all coatings used daily.
2. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
  - a. the color of the emissions;
  - b. whether the emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
  - d. the total duration of any visible emission incident; and

e. any corrective actions taken to eliminate the visible emissions.

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**IV. Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office and/or local air agency) in writing of any daily record showing that the daily volume-weighted average of VOC content exceeded the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office and/or local air agency) within 45 days of the exceedance.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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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: 3.5 lbs VOC/gallon of coating excluding water and exempt solvent(s), as a daily volume-weighted average.
 

Applicable Compliance Method: OAC rule 3745-21-10(B). U.S. EPA Method 24 and 24A shall be used to determine the VOC contents for (a) coatings and (b) flexographic and rotogravure printing inks and related coatings, respectively. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall notify the Administrator of the U.S. EPA and shall use formulation data for that coating or ink to demonstrate compliance until the U.S. EPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.
  - b. Emissions Limitation: 0.551 lb particulate matter/hour
 

Applicable Compliance Method: To determine the worst case emission rate for particulate matter, the following equation shall be used:

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

E = particulate matter emissions rate (lbs/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
  - c. Emission Limitation: 20% Opacity
 

Applicable Compliance Method: U.S. EPA reference method 9, if required by the Ohio EPA.

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**VI. Miscellaneous Requirements**

1. None

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Facility ID: 0250000044 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>
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**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**

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**V. Testing Requirements**

1. None

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**VI. Miscellaneous Requirements**

1. None

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**Part III - Terms and Conditions for Emissions Units**

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**Facility ID: 025000044 Emissions Unit ID: K002 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>
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Spray paint booth with water wash	OAC 3745-21-09 (U)(1)(c) OAC 3745-17-11 (B)(1) OAC 3745-17-07 (A)(1)	see A.I.2.2.a PM: 0.551 lb/hr Visible particulate matter emissions shall not exceed 20% opacity, as a six-minute average, except as provided by the rule.
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2. **Additional Terms and Conditions**

- a. The volatile organic compound (VOC) content shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water and exempt solvent(s), on a daily volume-weighted average.

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II. **Operational Restrictions**

1. The permittee shall operate the water wash at all times to control paint overspray (PM).

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

1. The permittee shall collect and record the following information on a daily basis for the line:
- a. The name and identification number of each coating, as applied.
  - b. The VOC content (excluding water and exempt solvent(s)) and the number of gallons (excluding water and exempt solvent(s)) of each coating, as applied.
  - c. The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC, 2.
  - d. The total number of gallons of all coatings used daily.
2. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
- a. the color of the emissions;
  - b. whether the emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
  - d. the total duration of any visible emission incident; and
  - e. any corrective actions taken to eliminate the visible emissions.

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IV. **Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office and/or local air agency) in writing of any daily record showing that the daily volume-weighted average of VOC content exceeded the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office and/or local air agency) within 45 days of the exceedance.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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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: 3.5 lbs VOC/gallon of coating excluding water and exempt solvent(s), as a daily volume-weighted average.
 

Applicable Compliance Method: OAC rule 3745-21-10(B). U.S. EPA Method 24 and 24A shall be used to determine the VOC contents for (a) coatings and (b) flexographic and rotogravure printing inks and related coatings, respectively. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall notify the Administrator of the U.S. EPA and shall use formulation data for that coating or ink to demonstrate compliance until the U.S. EPA provides alternative analytical procedures or

alternative precision statements for Method 24 or 24A.

- b. Emissions Limitation: 0.551 lb particulate matter/hour

Applicable Compliance Method: To determine the worst case emission rate for particulate matter, the following equation shall be used:

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

E = particulate matter emissions rate (lbs/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

- c. Emission Limitation: 20% Opacity

Applicable Compliance Method: U.S. EPA reference method 9, if required by the Ohio EPA.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0250000044 Emissions Unit ID: K002 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>
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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

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 025000044 Emissions Unit ID: K003 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>
Spray paint booth with water wash	OAC 3745-21-09 (U)(1)(c) OAC 3745-17-11 (B)(1) OAC 3745-17-07 (A)(1)	see A.I.2.2.a PM: 0.551 lb/hr Visible particulate matter emissions shall not exceed 20% opacity, as a six-minute average, except as provided by the rule.

2. **Additional Terms and Conditions**

- a. The volatile organic compound (VOC) content shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water and exempt solvent(s), on a daily volume-weighted average.

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II. **Operational Restrictions**

- 1. The permittee shall operate the water wash at all times to control paint overspray (PM).

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

- 1. The permittee shall collect and record the following information on a daily basis for the line:
  - a. The name and identification number of each coating, as applied.
  - b. The VOC content (excluding water and exempt solvent(s)) and the number of gallons (excluding water and exempt solvent(s)) of each coating, as applied.
  - c. The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.
  - d. The total number of gallons of all coatings used daily.
- 2. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather

conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

- a. the color of the emissions;
- b. whether the emissions are representative of normal operations;
- c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
- d. the total duration of any visible emission incident; and
- e. any corrective actions taken to eliminate the visible emissions.

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#### IV. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office and/or local air agency) in writing of any daily record showing that the daily volume-weighted average of VOC content exceeded the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office and/or local air agency) within 45 days of the exceedance.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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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: 3.5 lbs VOC/gallon of coating excluding water and exempt solvent(s), as a daily volume-weighted average.
 

Applicable Compliance Method: OAC rule 3745-21-10(B). U.S. EPA Method 24 and 24A shall be used to determine the VOC contents for (a) coatings and (b) flexographic and rotogravure printing inks and related coatings, respectively. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall notify the Administrator of the U.S. EPA and shall use formulation data for that coating or ink to demonstrate compliance until the U.S. EPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.
  - b. Emissions Limitation: 0.551 lb particulate matter/hour
 

Applicable Compliance Method: To determine the worst case emission rate for particulate matter, the following equation shall be used:

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

E = particulate matter emissions rate (lbs/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
  - c. Emission Limitation: 20% Opacity
 

Applicable Compliance Method: U.S. EPA reference method 9, if required by the Ohio EPA.

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#### VI. Miscellaneous Requirements

1. None

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Facility ID: 0250000044 Emissions Unit ID: K003 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>
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**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

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**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>
Electrodeposition Paint Tank	OAC 3745-21-09 (U)(1)(c)	See A.I.2.2.a

2. **Additional Terms and Conditions**

a. The volatile organic compound (VOC) content shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water and exempt solvent(s).

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II. **Operational Restrictions**

1. None

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

1. The permittee shall collect and record the following information on a monthly basis for the line:
- a. The name and identification number of each coating, as applied.
- b. The VOC content of each coating (excluding water and exempt solvents), as applied.

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IV. **Reporting Requirements**

1. The permittee shall notify the Ohio EPA, Northeast District Office in writing of any monthly record showing the use of a noncomplying coating. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Northeast District Office within 30 days following the end of the calendar month.

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V. **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):
- a. Emission Limitation: 3.5 lbs VOC/gallon of coating excluding water and exempt solvent(s).
- Applicable Compliance Method: OAC rule 3745-21-10(B), U.S. EPA Method 24 and 24A shall be used to determine the VOC contents for (a) coatings and (b) flexographic and rotogravure printing inks and related coatings, respectively. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall notify the Administrator of the U.S. EPA and shall use formulation data for that coating or ink to demonstrate compliance until the U.S. EPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

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VI. **Miscellaneous Requirements**

1. None

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**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>
Electrodeposition Paint Tank	OAC 3745-31-05 PTI 02-2048	See B.1.2.2.a

**2. Additional Terms and Conditions**

- a. The volatile organic compound (VOC) content shall not exceed 1.2 pounds of VOC per gallon of coating, excluding water and exempt solvent(s).

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**II. Operational Restrictions**

1. None

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

1. The permittee shall collect and record the following information on a monthly basis for the line:
  - a. The name and identification number of each coating, as applied.
  - b. The VOC content of each coating (excluding water and exempt solvents), as applied.

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**IV. Reporting Requirements**

1. The permittee shall notify the Ohio EPA, Northeast District Office in writing of any monthly record showing the use of a noncomplying coating. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Northeast District Office within 30 days following the end of the calendar month.

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**V. Testing Requirements**

1. Compliance with the emission limitation(s) in section B.I of these terms and conditions shall be determined in accordance with the following method(s):
  - a. Emission Limitation: 1.2 lbs VOC/gallon of coating excluding water and exempt solvent(s).
 

Applicable Compliance Method: OAC rule 3745-21-10(B). U.S. EPA Method 24 and 24A shall be used to determine the VOC contents for (a) coatings and (b) flexographic and rotogravure printing inks and related coatings, respectively. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall notify the Administrator of the U.S. EPA and shall use formulation data for that coating or ink to demonstrate compliance until the U.S. EPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

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**VI. Miscellaneous Requirements**

1. None