

Facility ID: 1576050866 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

- a. None

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### b State Only Enforceable Section

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

- B001 Leif boiler #8
- B002 Leif Boiler #9
- B003 Leif Boiler #10
- B004 Boiler #1
- B005 Boiler #2
- B006 Boiler #3
- B007 Boiler #4
- B008 Boiler #5
- F001 Plant road dust
- K004 719 touch up
- K008 711 Experiment dip
- L001 Safety Kleen
- L002 Safety Kleen
- L003 Safety Kleen
- L004 Safety Kleen
- N001 Ash oven
- P005 Carpenter shop
- P012 Barrel plate line
- Z001 714 Weld touchup
- Z002 Gas space heaters
- Z003 Xylene tanks
- Z004 Welding (mig/tig)
- Z005 Aerosols
- Z006 Steam dry booth
- Z008 R & D Lab
- Z010 714 Air Dry

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.

- [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 K006](#)
- [Go to Part III for Emissions Unit K007](#)

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

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Facility ID: 1576050866 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>
Metal furniture coating line, Dept. 731, having four (4) paint spray booths: #1 and 2 are auto spray, 3 gun max. per booth; #3 and 4 are hand spray, 1 gun max. per booth; and bake oven	OAC 3745-21, including but not limited to 3745-21-09 (I)(1) (22 May 95)	3.0 lbs VOC/gal of coating, excluding water and exempt solvents, as a daily volume-weighted average.
	OAC 3745-17, including but not limited to 3745-17-11 (A) (2) (27 June 94)	0.551 lb PM/hr for each paint spray booth
	OAC 3745-17, including but not limited to 3745-17-07 (A)(1) (27 June 94)	Visible Emissions Limit (See Additional Terms and Conditions 2.a.)

**2. Additional Terms and Conditions**

- a. Visible particulate emissions from this emissions unit's stack shall not exceed twenty percent opacity, as a six-minute average, except that visible particulate emissions from this emissions unit's stack may exceed twenty percent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.

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**II. Operational Restrictions**

1. The permittee shall employ a dry exhaust filtration system with a minimum of 95% particulate matter (PM) control efficiency in paint booth numbers 1, 2, 3 and 4, while each booth 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 month 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.
  - c. Additionally, when non-compliant coatings are used during any day, the permittee shall also record 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.
2. Operators shall be trained to report any overspray or filter media problems. Filters shall be changed when visible emissions occur.

The permittee shall record the date of filter changes. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning. Records of any incidents and repairs shall be recorded by the Environmental Manager.

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IV. **Reporting Requirements**

1. The permittee shall notify the Canton City Health Department, Air Pollution Control Division, of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. This notification shall include a copy of such record and shall be sent within 45 days after the exceedance occurs.
2. The permittee shall notify the Canton City Health Department, Air Pollution Control Division, of any situation that requires the shutting down of this emissions unit for repairs to correct any visible emissions problems.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emissions Limitation:
 

3.0 pounds VOC per gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average.

Applicable Compliance Method:

Formulation data or USEPA Method 24, in conjunction with the records required by T&C A.III., shall be used to determine the organic compound contents of the coatings.
  - b. Emissions Limitation:
 

0.551 pound particulate matter per hour for each paint spray booth

Applicable Compliance Method:

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

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

E = particulate matter emissions 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 dry exhaust filtration system
  - c. Emissions Limitation:
 

Visible particulate emission limitations for stack emissions.

Applicable Compliance Method:

Method 9 pursuant to OAC rule 3745-17-03 (B)(1).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 1576050866 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>
<b>2. Additional Terms and Conditions</b>		
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: 1576050866 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.

control measures (if any) may be specified in narrative form following the table.

<b>Operations, Property, and/or Equipment</b>	<b>Applicable Rules/Requirements</b>	<b>Applicable Emissions Limitations/Control Measures</b>
Metal furniture coating line, water based; Dept. 732 dip line, having three (3) dip tanks in operation and bake oven.	OAC 3745-21, including but not limited to 3745-21-09 (I)(1) (22 May 95) OAC 3745-17, including but not limited to 3745-17-11 (A) (2) (27 June 94) OAC 3745-17, including but not limited to 3745-17-07 (A)(1) (27 June 94)	3.0 lbs VOC/gal of coating, excluding water and exempt solvents, as a daily volume-weighted average. 0.551 lb PM/hr for each paint spray booth Visible Emissions Limit (See Additional Terms and Conditions 2.a.)

**2. Additional Terms and Conditions**

- a. Visible particulate emissions from this emissions unit's stack shall not exceed twenty percent opacity, as a six-minute average, except that visible particulate emissions from this emissions unit's stack may exceed twenty percent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.

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**II. Operational Restrictions**

- 1. The permittee shall employ a dry exhaust filtration system with a minimum of 95% particulate matter (PM) control efficiency in paint booth numbers 1, 2, 3 and 4, while each booth 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 month 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.
  - c. Additionally, when non-compliant coatings are used during any day, the permittee shall also record 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.
- 2. Operators shall be trained to report any overspray or filter media problems. Filters shall be changed when visible emissions occur.  
  
The permittee shall record the date of filter changes. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning. Records of any incidents and repairs shall be recorded by the Environmental Manager.

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**IV. Reporting Requirements**

- 1. The permittee shall notify the Canton City Health Department, Air Pollution Control Division, of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. This notification shall include a copy of such record and shall be sent within 45 days after the exceedance occurs.
- 2. The permittee shall notify the Canton City Health Department, Air Pollution Control Division, of any situation that requires the shutting down of this emissions unit for repairs to correct any visible emissions problems.

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**V. Testing Requirements**

- 1. Compliance with the emission limitations in Section A.1.1 of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emissions Limitation:
    - 3.0 pounds VOC per gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average.
  - Applicable Compliance Method:
    - Formulation data or USEPA Method 24, in conjunction with the records required by T&C A.III., shall be used to determine the organic compound contents of the coatings.

b. Emissions Limitation:

0.551 pound particulate matter per hour for each paint spray booth

Applicable Compliance Method:

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

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

E = particulate matter emissions 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 dry exhaust filtration system

c. Emissions Limitation:

Visible particulate emission limitations for stack emissions.

Applicable Compliance Method:

Method 9 pursuant to OAC rule 3745-17-03 (B)(1).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 1576050866 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>
2. <b>Additional Terms and Conditions</b>			
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: 1576050866 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.

<b>Operations, Property, and/or Equipment</b>	<b>Applicable Rules/Requirements</b>	<b>Applicable Emissions Limitations/Control Measures</b>
Metal furniture coating line, water based; Dept. 732 dip line, having two (2) dip tanks in operation and bake oven.	OAC 3745-21, including but not limited to 3745-21-09 (I)(1) (22 May 95) OAC 3745-17, including but not limited to 3745-17-11 (A) (2) (27 June 94) OAC 3745-17, including but not limited to 3745-17-07 (A)(1) (27 June 94)	3.0 lbs VOC/gal of coating, excluding water and exempt solvents, as a daily volume-weighted average.  0.551 lb PM/hr for each paint spray booth  Visible Emissions Limit (See Additional Terms and Conditions 2.a.)

**2. Additional Terms and Conditions**

- a. Visible particulate emissions from this emissions unit's stack shall not exceed twenty percent opacity, as a six-minute average, except that visible particulate emissions from this emissions unit's stack may exceed twenty percent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.

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II. **Operational Restrictions**

1. The permittee shall employ a dry exhaust filtration system with a minimum of 95% particulate matter (PM) control efficiency in paint booth numbers 1, 2, 3 and 4, while each booth 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 month 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.
  - c. Additionally, when non-compliant coatings are used during any day, the permittee shall also record 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.
2. Operators shall be trained to report any overspray or filter media problems. Filters shall be changed when visible emissions occur.
 

The permittee shall record the date of filter changes. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning. Records of any incidents and repairs shall be recorded by the Environmental Manager.

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#### IV. Reporting Requirements

1. The permittee shall notify the Canton City Health Department, Air Pollution Control Division, of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. This notification shall include a copy of such record and shall be sent within 45 days after the exceedance occurs.
2. The permittee shall notify the Canton City Health Department, Air Pollution Control Division, of any situation that requires the shutting down of this emissions unit for repairs to correct any visible emissions problems.

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#### V. Testing Requirements

1. Compliance with the emission limitations in Section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emissions Limitation:
 

3.0 pounds VOC per gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average.

Applicable Compliance Method:

Formulation data or USEPA Method 24, in conjunction with the records required by T&C A.III., shall be used to determine the organic compound contents of the coatings.
  - b. Emissions Limitation:
 

0.551 pound particulate matter per hour for each paint spray booth

Applicable Compliance Method:

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

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

E = particulate matter emissions 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 dry exhaust filtration system
  - c. Emissions Limitation:
 

Visible particulate emission limitations for stack emissions.

Applicable Compliance Method:

Method 9 pursuant to OAC rule 3745-17-03 (B)(1).

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#### VI. Miscellaneous Requirements

1. None

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Facility ID: 1576050866 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>
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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Facility ID: 1576050866 Emissions Unit ID: K006 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>
Metal furniture coating line, Dept. 732, having four (4) paint spray booths: #1 and 2 are hand spray, 1 gun and 4 gun max. per booth; #3 and 4 are auto spray, 4 gun max. per booth; and bake oven	OAC 3745-21, including but not limited to 3745-21-09 (I)(1) (22 May 95)	3.0 lbs VOC/gal of coating, excluding water and exempt solvents, as a daily volume-weighted average.
	OAC 3745-17, including but not limited to 3745-17-11 (A) (2) (27 June 94)	0.551 lb PM/hr for each paint spray booth
	OAC 3745-17, including but not limited to 3745-17-07 (A)(1) (27 June 94)	Visible Emissions Limit (See Additional Terms and Conditions 2.a.)

**2. Additional Terms and Conditions**

- a. Visible particulate emissions from this emissions unit's stack shall not exceed twenty percent opacity, as a six-minute average, except that visible particulate emissions from this emissions unit's stack may exceed twenty percent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.

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**II. Operational Restrictions**

1. The permittee shall employ a dry exhaust filtration system with a minimum of 95% particulate matter (PM) control efficiency in paint booth numbers 1, 2, 3 and 4, while each booth 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 month 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.
  - c. Additionally, when non-compliant coatings are used during any day, the permittee shall also record 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.
2. Operators shall be trained to report any overspray or filter media problems. Filters shall be changed when visible emissions occur.
 

The permittee shall record the date of filter changes. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning. Records of any incidents and repairs shall be recorded by the Environmental Manager.

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**IV. Reporting Requirements**

1. The permittee shall notify the Canton City Health Department, Air Pollution Control Division, of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. This notification shall include a copy of such record and shall be sent within 45 days after the exceedance occurs.
2. The permittee shall notify the Canton City Health Department, Air Pollution Control Division, of any situation that requires the shutting down of this emissions unit for repairs to correct any visible emissions problems.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emissions Limitation:
 

3.0 pounds VOC per gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average.

Applicable Compliance Method:

Formulation data or USEPA Method 24, in conjunction with the records required by T&C A.III., shall be used to determine the organic compound contents of the coatings.
  - b. Emissions Limitation:
 

0.551 pound particulate matter per hour for each paint spray booth

Applicable Compliance Method:

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

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

E = particulate matter emissions 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 dry exhaust filtration system
  - c. Emissions Limitation:
 

Visible particulate emission limitations for stack emissions.

Applicable Compliance Method:

Method 9 pursuant to OAC rule 3745-17-03 (B)(1).

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VI. **Miscellaneous Requirements**

1. None

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**Facility ID: 1576050866 Emissions Unit ID: K006 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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Facility ID: 1576050866 Emissions Unit ID: K007 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>
Metal furniture coating line, Dept. 711, having three (3) paint spray booths: #1, 2, and 3 are hand spray, 1 gun max. per booth; and bake oven	OAC 3745-21, including but not limited to 3745-21-09 (I)(1) (22 May 95)	3.0 lbs VOC/gal of coating, excluding water and exempt solvents, as a daily volume-weighted average.
	OAC 3745-17, including but not limited to 3745-17-11 (A) (2) (27 June 94)	0.551 lb PM/hr for each paint spray booth
	OAC 3745-17, including but not limited to 3745-17-07 (A)(1) (27 June 94)	Visible Emissions Limit (See Additional Terms and Conditions 2.a.)

**2. Additional Terms and Conditions**

- a. Visible particulate emissions from this emissions unit's stack shall not exceed twenty percent opacity, as a six-minute average, except that visible particulate emissions from this emissions unit's stack may

exceed twenty percent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.

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**II. Operational Restrictions**

1. The permittee shall employ a dry exhaust filtration system with a minimum of 95% particulate matter (PM) control efficiency in paint booth numbers 1, 2, 3 and 4, while each booth 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 month 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.
  - c. Additionally, when non-compliant coatings are used during any day, the permittee shall also record 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.
2. Operators shall be trained to report any overspray or filter media problems. Filters shall be changed when visible emissions occur.

The permittee shall record the date of filter changes. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning. Records of any incidents and repairs shall be recorded by the Environmental Manager.

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**IV. Reporting Requirements**

1. The permittee shall notify the Canton City Health Department, Air Pollution Control Division, of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. This notification shall include a copy of such record and shall be sent within 45 days after the exceedance occurs.
2. The permittee shall notify the Canton City Health Department, Air Pollution Control Division, of any situation that requires the shutting down of this emissions unit for repairs to correct any visible emissions problems.

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**V. Testing Requirements**

1. Compliance with the emission limitations in Section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emissions Limitation:
 

3.0 pounds VOC per gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average.

Applicable Compliance Method:

Formulation data or USEPA Method 24, in conjunction with the records required by T&C A.III., shall be used to determine the organic compound contents of the coatings.
  - b. Emissions Limitation:
 

0.551 pound particulate matter per hour for each paint spray booth

Applicable Compliance Method:

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

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

E = particulate matter emissions 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 dry exhaust filtration system

- c. Emissions Limitation:
  - Visible particulate emission limitations for stack emissions.
  - Applicable Compliance Method:
    - Method 9 pursuant to OAC rule 3745-17-03 (B)(1).

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 1576050866 Emissions Unit ID: K007 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. <b>Additional Terms and Conditions</b>			
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