

Facility ID: 0812760220 Issuance type: Title V Draft 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:
 - B008 8.369 mmBtu/hour natural gas and liquified petroleum gas fired boiler No. 1
 - G002 Gasoline dispensing facility
 - K018 Lab sample spray painting
 - K025 Training paint booth and oven
 - K027 Corrosion inhibitor dip tank
 - K032 Corrosion inhibitor dip tank, dept 53
 - K033 Corrosion inhibitor dip tank, dept 53
 - K034 Corrosion inhibitor dip tank, dept 52
 - K037 Black sealer line, dept 65
 - K039 Black sealer line, dept 54
 - K041 Heat shield sealing adhesive, dept 52
 - L001 Wheel bearing cold cleaner
 - L002 Air tool repair parts washer
 - L003 Tool room parts washer
 - L004 Tool room parts washer
 - L005 Electrical department parts washer
 - L006 K38 parts washer
 - L007 K39 parts washer
 - L008 Solvent wash cold cleaner
 - L009 Garage parts washer M-40
 - L011 Mineral spirits tank, dept 82
 - L012 Cold cleaner No. 3, dept 90
 - L013 Cold cleaner No. 4, dept 90
 - L016 Cold cleaner, dept 92
 - L017 Cold cleaner maintenance paint booth, dept 82
 - L018 Booth 57 cold cleaner, dept 93
 - L021 Chassis island cold cleaner, dept 93
 - L022 Equipment repair cold cleaner, dept 67 FPF
 - L023 Interior booth cold cleaner No. 1
 - L024 Interior booth cold cleaner No. 2
 - L027 Cold cleaner, dept 82
 - P016 Plasma arc welding booth, dept 51
 - P018 Steam Jenny Nos 1 and 2
 - P019 Radial arm saw
 - P020 Windshield washer tank filling
 - P023 Facility sealant, adhesive, inhibitor application
 - T017 8,000 gallon brake fluid tank
 - T019 8,000 gallon power steering fluid tank
 - T020 8,000 gallon waste mineral spirits tank
 - T021 8,000 gallon waste oil tank
 - T022 10,000 gallon chassis black tank
 - T024 10,000 gallon mineral oil tank
 - T025 10,000 gallon transmission fluid tank
 - T026 12,000 gallon crank case lube tank
 - T027 12,000 gallon antifreeze tank
 - T028 12,000 gallon waste paint and solvents tank
 - T029 12,000 gallon waste paint and solvents tank
 - T030 12,000 gallon gear lube tank
 - Z004 Tank farm back-up generator

Z005 WWTP back-up generator
 Z006 Firewater pump, south
 Z007 Firewater pump, north
 Z008 Tank farm load/unload
 Z012 Diesel operations
 Z013 Fiberglass repair, dept 90
 Z014 Paint distribution center, dept 90
 Z015 Welding operations
 Z016 Final assembly fluid filling operations
 Z017 Engineering development center
 Z018 Truck "hospital"
 Z019 Repair stations
 Z020 Engine testing
 Z021 "Doll-up" line 1, dept 92
 Z022 "Doll-up" line 2, dept 92
 Z023 "Doll-up" line 3, dept 92
 Z024 WWTP operations
 Z025 Spot coating

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.

The following insignificant emissions units are located at this facility:

B008 8.369 mmBtu/hour natural gas and liquified petroleum gas fired boiler No. 1
 G002 Gasoline dispensing facility
 K018 Lab sample spray painting
 K025 Training paint booth and oven
 K027 Corrosion inhibitor dip tank
 K032 Corrosion inhibitor dip tank, dept 53
 K033 Corrosion inhibitor dip tank, dept 53
 K034 Corrosion inhibitor dip tank, dept 52
 K037 Black sealer line, dept 65
 K039 Black sealer line, dept 54
 K041 Heat shield sealing adhesive, dept 52
 L001 Wheel bearing cold cleaner
 L002 Air tool repair parts washer
 L003 Tool room parts washer
 L004 Tool room parts washer
 L005 Electrical department parts washer
 L006 K38 parts washer
 L007 K39 parts washer
 L008 Solvent wash cold cleaner
 L009 Garage parts washer M-40
 L011 Mineral spirits tank, dept 82
 L012 Cold cleaner No. 3, dept 90
 L013 Cold cleaner No. 4, dept 90
 L016 Cold cleaner, dept 92
 L017 Cold cleaner maintenance paint booth, dept 82
 L018 Booth 57 cold cleaner, dept 93
 L021 Chassis island cold cleaner, dept 93
 L022 Equipment repair cold cleaner, dept 67 FPF
 L023 Interior booth cold cleaner No. 1
 L024 Interior booth cold cleaner No. 2
 L027 Cold cleaner, dept 82
 P016 Plasma arc welding booth, dept 51
 P018 Steam Jenny Nos 1 and 2
 P019 Radial arm saw
 P020 Windshield washer tank filling
 P023 Facility sealant, adhesive, inhibitor application
 T017 8,000 gallon brake fluid tank
 T019 8,000 gallon power steering fluid tank
 T020 8,000 gallon waste mineral spirits tank
 T021 8,000 gallon waste oil tank
 T022 10,000 gallon chassis black tank
 T024 10,000 gallon mineral oil tank
 T025 10,000 gallon transmission fluid tank
 T026 12,000 gallon crank case lube tank
 T027 12,000 gallon antifreeze tank
 T028 12,000 gallon waste paint and solvents tank
 T029 12,000 gallon waste paint and solvents tank
 T030 12,000 gallon gear lube tank
 Z004 Tank farm back-up generator
 Z005 WWTP back-up generator
 Z006 Firewater pump, south
 Z007 Firewater pump, north
 Z008 Tank farm load/unload
 Z012 Diesel operations
 Z013 Fiberglass repair, dept 90
 Z014 Paint distribution center, dept 90
 Z015 Welding operations
 Z016 Final assembly fluid filling operations
 Z017 Engineering development center
 Z018 Truck "hospital"
 Z019 Repair stations

Z020 Engine testing

- Z021 "Doll-up" line 1, dept 92
- Z022 "Doll-up" line 2, dept 92
- Z023 "Doll-up" line 3, dept 92
- Z024 WWTP operations
- Z025 Spot coating

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: 0812760220 Emissions Unit ID: B001 Issuance type: Title V Draft 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>
30 mmBtu/hr natural gas and liquified petroleum gas (LPG) boiler No. 1	OAC rule 3745-17-10 (B)(1)	0.020 pound of particulate emissions (PE) per mmBtu actual heat input
	OAC rule 3745-17-07(A)	Opacity shall not exceed 20 percent, as a six-minute average, except as provided by rule.
	OAC rule 3745-18-06(A)	See A.II.1.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

1. The permittee shall burn only natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas in this emissions unit.

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III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic

feet and/or liquified petroleum gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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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 -
0.020 pound of particulate emissions per mmBtu actual heat input

Applicable Compliance Method -
For the use of natural gas, compliance shall be based upon multiplying the hourly gas burning capacity of the emissions unit (0.03 mm cubic feet/hour) by the AP-42 emission factor for natural gas (6.2 lbs PE/mm cubic feet) divided by the maximum hourly heat input capacity of the emissions unit (30 mmBtu/hour). For the use of liquified petroleum gas, compliance shall be based upon multiplying the maximum LPG capacity of the emissions unit (331 gallons/hour) by the AP-42 emission factor for LPG (0.6 lb PE/1000 gallons), and dividing by the maximum hourly heat input capacity of the emissions unit (30 mmBtu/hour).
 - b. Emission Limitation -
20% opacity, as a six-minute average

Applicable Compliance Method -
Compliance with this visible emission limitation is presumed based on the use of natural gas and liquified petroleum gas. If required, compliance 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.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0812760220 Emissions Unit ID: B001 Issuance type: Title V Draft 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
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: 0812760220 Emissions Unit ID: B002 Issuance type: Title V Draft 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>
30 mmBtu/hr natural gas and liquified petroleum gas (LPG) boiler No. 2	OAC rule 3745-17-10 (B)(1)	0.020 pound of particulate emissions (PE) per mmBtu actual heat input
	OAC rule 3745-17-07(A)	Opacity shall not exceed 20 percent, as a six-minute average, except as provided by rule.
	OAC rule 3745-18-06(A)	See A.II.1.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

1. The permittee shall burn only natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas in this emissions unit.

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III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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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 -
0.020 pound of particulate emissions per mmBtu actual heat input

Applicable Compliance Method -
For the use of natural gas, compliance shall be based upon multiplying the hourly gas burning capacity of the emissions unit (0.03 mm cubic feet/hour) by the AP-42 emission factor for natural gas (6.2 lbs PE/mm cubic feet) divided by the maximum hourly heat input capacity of the emissions unit (30 mmBtu/hour). For the use of liquified petroleum gas, compliance shall be based upon multiplying the maximum LPG capacity of the emissions unit (331 gallons/hour) by the AP-42 emission factor for LPG (0.6 lb PE/1000 gallons), and dividing by the maximum hourly heat input capacity of the emissions unit (30 mmBtu/hour).
 - b. Emission Limitation -
20% opacity, as a six-minute average

Applicable Compliance Method -
Compliance with this visible emission limitation is presumed based on the use of natural gas and liquified petroleum gas. If required, compliance 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.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0812760220 Emissions Unit ID: B002 Issuance type: Title V Draft 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: 0812760220 Emissions Unit ID: B009 Issuance type: Title V Draft 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>
14.7 mmBtu/hour mild weather natural gas and liquified petroleum gas (LPG) boiler No. 2	OAC rule 3745-17-10 (B)(1)	0.020 pound of particulate emissions (PE) per mmBtu actual heat input

OAC rule 3745-17-07(A)

Opacity shall not exceed 20 percent, as a six-minute average, except as provided by rule.

OAC rule 3745-18-06(A)

See A.II.1.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

1. The permittee shall burn only natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas in this emissions unit.

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III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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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 -
0.020 pound of particulate emissions per mmBtu of actual heat input
- Applicable Compliance Method -
For the use of natural gas, compliance shall be based upon multiplying the hourly gas burning capacity of the emissions unit (0.014645 mm cubic feet/hour) by the AP-42 emission factor for natural gas (6.2 lbs PE/mm cubic feet) divided by the maximum hourly heat input capacity of the emissions unit (14.645 mmBtu/hour). For the use of liquified petroleum gas, compliance shall be based upon multiplying the maximum LPG capacity of the emissions unit (161 gallons/hour) by the AP-42 emission factor for LPG (0.6 lb PE/1000 gallons), and dividing by the maximum hourly heat input capacity of the emissions unit (14.645 mmBtu/hour).
- b. Emission Limitation -
20% opacity, as a six-minute average
- Applicable Compliance Method -
Compliance with this visible emission limitation is presumed based on the use of natural gas and liquified petroleum gas. If required, compliance 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.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0812760220 Emissions Unit ID: B009 Issuance type: Title V Draft 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>
14.7 mmBtu/hour mild weather natural gas and liquified petroleum gas (LPG) boiler No. 2	OAC rule 3745-31-05 PTI 08-1152	0.40 TPY particulate emissions (PE) 8.98 TPY nitrogen oxides (NOx) 2.24 TPY carbon monoxide (CO)

2. Additional Terms and Conditions

- a. The 0.40 TPY PE, 8.98 TPY NOx, and 2.24 TPY CO limits were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.

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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. 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 -
0.40 TPY PE

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014645 mm cubic feet/hour) by the AP-42 emission factor for natural gas (6.2 lbs PE/mm cubic feet) and a maximum operating schedule of 8,760 hours/year and dividing by 2000.

- b. Emission Limitation -
8.98 TPY NOx

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014645 mm cubic feet/hour) by the AP-42 emission factor for natural gas (140 lbs NOx/mm cubic feet) and a maximum operating schedule of 8,760 hours/year and dividing by 2000.

- c. Emission Limitation -
2.24 TPY CO

Applicable Compliance Method -

Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014645 mm cubic feet/hour) by the AP-42 emission factor for natural gas (35 lbs CO/mm cubic feet) and a maximum operating schedule of 8,760 hours/year and dividing by 2000.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0812760220 Emissions Unit ID: B010 Issuance type: Title V Draft 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>
14.7 mmBtu/hour E-coat natural gas and liquified petroleum gas (LPG) boiler No. 1	OAC rule 3745-17-10 (B)(1)	0.020 pound of particulate emissions (PE) per mmBtu actual heat input
	OAC rule 3745-17-07(A)	Opacity shall not exceed 20 percent, as a six-minute average, except as provided by rule.
	OAC rule 3745-18-06(A)	See A.II.1.

2. **Additional Terms and Conditions**
 - (a) None

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II. **Operational Restrictions**

1. The permittee shall burn only natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas in this emissions unit.

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

1. For each day during which the permittee burns a fuel other than natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. **Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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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 -
0.020 pound of particulate emissions per mmBtu actual heat input

Applicable Compliance Method -
For the use of natural gas, compliance shall be based upon multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (6.2 lbs PE/mm cubic feet) divided by the maximum hourly heat input capacity of the emissions unit (14.649 mmBtu/hour). For the use of liquified petroleum gas, compliance shall be based upon multiplying the maximum LPG capacity of the emissions unit (161 gallons/hour) by the AP-42 emission factor for LPG (0.6 lb PE/1000 gallons), and dividing by the maximum hourly heat input capacity of the emissions unit (14.649 mmBtu/hour).
 - b. Emission Limitation -
20% opacity, as a six-minute average

Applicable Compliance Method -
Compliance with this visible emission limitation is presumed based on the use of natural gas and liquified petroleum gas. If required, compliance 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.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0812760220 Emissions Unit ID: B010 Issuance type: Title V Draft 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>
14.7 mmBtu/hour E-coat natural gas and liquified petroleum gas (LPG) boiler No. 1	OAC rule 3745-31-05 PTI 08-3410	1.30 TPY particulate emissions (PE); 0.01 lb/hour and 0.04 TPY sulfur dioxide (SO ₂); 2.1 lbs/hour and 9.20 TPY nitrogen oxides (NO _x); 0.6 lb/hour and 2.60 TPY carbon monoxide (CO); 0.10 lb/hour and 0.40 TPY organic compounds

2. **Additional Terms and Conditions**

- a. The 0.01 lb SO₂/hour, 2.1 lbs NO_x/hour, 0.6 lb CO/hour, and 0.10 lb OC/hour, 1.30 TPY PE, 0.04 TPY SO₂, 9.20 TPY NO_x, 2.60 TPY CO, and 0.40 TPY OC limits were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.

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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. 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 -
1.30 TPY PE

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (6.2 lbs PE/mm cubic feet) and a maximum operating schedule of 8,760 hours/year and dividing by 2000.
 - b. Emission Limitation -
0.01 lb/hour sulfur dioxide

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (0.6 lb SO₂/mm cubic feet).
 - c. Emission Limitation -
0.04 TPY sulfur dioxide

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (0.6 lb SO₂/mm cubic feet) and a maximum operating schedule of 8,760 hours/year and dividing by 2000.
 - d. Emission Limitation -
2.1 lbs/hour nitrogen oxides

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (140 lbs NO_x/mm cubic feet).
 - e. Emission Limitation -
9.20 TPY nitrogen oxides

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (140 lbs NO_x/mm cubic feet) and a maximum operating schedule of 8,760 hours/year and dividing by 2000.
 - f. Emission Limitation -
0.6 lb/hour carbon monoxide

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (35 lbs CO/mm cubic feet).
 - g. Emission Limitation -
2.60 TPY carbon monoxide

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (35 lbs CO/mm cubic feet) and a maximum operating schedule of 8,760 hours/year and dividing by 2000.

- h. Emission Limitation -
0.10 lb/hour organic compounds

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (5.8 lbs OC/mm cubic feet).
- i. Emission Limitation -
0.40 TPY organic compounds

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (5.8 lbs OC/mm cubic feet) and a maximum operating schedule of 8,760 hours/year and dividing by 2000.

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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: 0812760220 Emissions Unit ID: B011 Issuance type: Title V Draft 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>
14.7 mmBtu/hour E-coat natural gas and liquified petroleum gas (LPG) boiler No. 2	OAC rule 3745-17-10 (B)(1)	0.020 pound of particulate emissions (PE) per mmBtu actual heat input
	OAC rule 3745-17-07(A)	Opacity shall not exceed 20 percent, as a six-minute average, except as provided by rule.
	OAC rule 3745-18-06(A)	See A.II.1.

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

- 1. The permittee shall burn only natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas in this emissions unit.

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

- 1. For each day during which the permittee burns a fuel other than natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas which has a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pounds per million standard cubic feet and/or liquified petroleum gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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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 - 0.020 pound of particulate emissions per mmBtu actual heat input

 Applicable Compliance Method -
 For the use of natural gas, compliance shall be based upon multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (6.2 lbs PE/mm cubic feet) divided by the maximum hourly heat input capacity of the emissions unit (14.649 mmBtu/hour). For the use of liquified petroleum gas, compliance shall be based upon multiplying the maximum LPG capacity of the emissions unit (161 gallons/hour) by the AP-42 emission factor for LPG (0.6 lb PE/1000 gallons), and dividing by the maximum hourly heat input capacity of the emissions unit (14.649 mmBtu/hour).
 - b. Emission Limitation - 20% opacity, as a six-minute average

 Applicable Compliance Method -
 Compliance with this visible emission limitation is presumed based on the use of natural gas and liquified petroleum gas. If required, compliance 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.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0812760220 Emissions Unit ID: B011 Issuance type: Title V Draft 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>
14.7 mmBtu/hour E-coat natural gas and liquified petroleum gas (LPG) boiler No. 2	OAC rule 3745-31-05 PTI 08-3410	1.30 TPY particulate emissions (PE); 0.01 lb/hour and 0.04 TPY sulfur dioxide (SO ₂); 2.1 lbs/hour and 9.20 TPY nitrogen oxides (NO _x); 0.6 lb/hour and 2.60 TPY carbon monoxide (CO); 0.10 lb/hour and 0.40 TPY organic compounds

2. **Additional Terms and Conditions**

- a. The 0.01 lb SO₂/hour, 2.1 lbs NO_x/hour, 0.6 lb CO/hour, and 0.10 lb OC/hour, 1.30 TPY PE, 0.04 TPY SO₂, 9.20 TPY NO_x, 2.60 TPY CO, and 0.40 TPY OC limits were established for PT1 purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.

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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. 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 -
1.30 TPY PE
- Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (6.2 lbs PE/mm cubic feet) and a maximum operating schedule of 8,760 hours/year and dividing by 2000.
- b. Emission Limitation -
0.01 lb/hour sulfur dioxide
- Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (0.6 lb SO₂/mm cubic feet).
- c. Emission Limitation -
0.04 TPY sulfur dioxide
- Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (0.6 lb SO₂/mm cubic feet) and a maximum operating schedule of 8,760 hours/year and dividing by 2000.
- d. Emission Limitation -
2.1 lbs/hour nitrogen oxides
- Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (140 lbs NO_x/mm cubic feet).
- e. Emission Limitation -
9.20 TPY nitrogen oxides
- Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (140 lbs NO_x/mm cubic feet) and a maximum operating schedule of 8,760 hours/year and dividing by 2000.
- f. Emission Limitation -
0.6 lb/hour carbon monoxide
- Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit

(0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (35 lbs CO/mm cubic feet).

- g. Emission Limitation -
2.60 TPY carbon monoxide

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (35 lbs CO/mm cubic feet) and a maximum operating schedule of 8,760 hours/year and dividing by 2000.
- h. Emission Limitation -
0.10 lb/hour organic compounds

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (5.8 lbs OC/mm cubic feet).
- i. Emission Limitation -
0.40 TPY organic compounds

Applicable Compliance Method -
Compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (0.014649 mm cubic feet/hour) by the AP-42 emission factor for natural gas (5.8 lbs OC/mm cubic feet) and a maximum operating schedule of 8,760 hours/year and dividing by 2000.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0812760220 Emissions Unit ID: F001 Issuance type: Title V Draft 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>
paved roadways and parking areas (existing)	OAC rule 3745-17-08	None, refer to section A.I.2.a of the terms and conditions of this permit.
	OAC rule 3745-17-07(B)	None, refer to section A.I.2.b of the terms and conditions of this permit.

2. **Additional Terms and Conditions**

- a. This emissions unit is not located within the areas identified in "Appendix A" of OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), OAC rule 3745-17-08 does not apply to this fugitive dust source.
- b. Because OAC rule 3745-17-08 is not applicable, this emissions unit is exempt from the visible particulate emissions (PE) limitation specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(d).

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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: 0812760220 Emissions Unit ID: F001 Issuance type: Title V Draft 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: 0812760220 Emissions Unit ID: K009 Issuance type: Title V Draft 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>
miscellaneous metal parts multitone and repair coating line and ovens	40 CFR 52.1870(c)(89)(i)(A)	3.90 lbs volatile organic compounds (VOC)/gallon of coating applied, excluding water and exempt solvents, as a daily volume-weighted average (See A.1.2.a.)
	OAC rule 3745-17-11(B)(1)	405.6 lbs/day VOC; and 73.87 TPY VOC, as a rolling, 365-day summation
	OAC rule 3745-17-10(B)	5.75 lbs/hour particulate emissions (PE)
	OAC rule 3745-17-07(A)	0.020 lb particulate emissions/mmBtu actual heat input
		Opacity shall not exceed 20% from the booth and oven stacks as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

- a. In lieu of the requirements of OAC rule 3745-21-09(U)(1)(c), the VOC content of all coatings employed in this emissions unit shall not exceed 3.90 pounds VOC per gallon of coating applied, excluding water and exempt solvents, as a daily volume-weighted average of all coatings, employed in any one day.

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II. Operational Restrictions

- 1. The maximum daily coating usage, excluding water and exempt solvents, for this emissions unit shall not exceed 104 gallons.
- 2. The maximum annual coating usage, excluding water and exempt solvents, for this emissions unit shall not exceed 37,907 gallons, as a rolling, 365-day summation.
- 3. The permittee shall operate the water curtain 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 coating line:
 - a. The name and identification number of each coating, as applied.
 - b. The VOC content, excluding water and exempt solvents, of each coating as applied, in pounds per gallon.
 - c. The number of gallons, excluding water and exempt solvents, of each coating, as applied.
 - d. The total number of gallons, excluding water and exempt solvents, of all coatings employed.
 - e. 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 Cvoc2.
 - f. The total VOC emission rate for all coatings employed, in pounds.
 - g. The rolling, 365-day summation of the VOC emission rate for all coatings, as applied, in tons.
 - h. The rolling, 365-day summation of the coating usage, excluding water and exempt solvents, for all coatings employed, in gallons.
2. The permittee shall maintain daily records that document any time periods when the water curtain was not in service when the emissions unit was in operation.

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IV. Reporting Requirements

1. The permittee shall submit annual reports which summarize the following information for all coatings employed in this emissions unit: the total number of gallons of all coatings employed and the total VOC emissions, in tons. These reports shall be submitted by the January 31st of each year and shall cover the previous calendar year.
2. 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 daily volume-weighted average VOC content exceeds the applicable limitation. This 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.
3. The permittee shall submit quarterly deviation (excursion) reports which identify each day during which the daily VOC limitation, the rolling, 365-day summation of the daily VOC emissions, the daily coating usage restriction, and/or the rolling, 365-day summation of the daily coating usages were exceeded, as well as the corrective action(s) taken to achieve compliance.
4. 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 water curtain 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 appropriate Ohio EPA District Office or local air agency) within 30 days after the event occurs.

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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 -
3.90 lbs VOC/gallon, excluding water and exempt solvents, as a daily-volume weighted average

Applicable Compliance Method -
Compliance shall be based upon the record keeping requirements specified in A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings.
 - b. Emission Limitation -
405.6 lbs VOC/day

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in A.III.1.
 - c. Emission Limitation -
73.87 TPY VOC as a rolling, 365-day summation

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in A.III.1.
 - d. Emission Limitation -
5.75 lbs/hour particulate emissions

Applicable Compliance Method -

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

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

E = particulate matter emission rate (lbs/hour)

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

- e. Emission Limitation -
0.020 lb particulate emissions/mmBtu actual heat input
- Applicable Compliance Method -
If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(9).
- f. Emission Limitation -
20% opacity visible emissions, as a six-minute average
- Applicable Compliance Method -
If required, compliance 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.
- g. Emission Limitation -
104 gallons/day coating usage, excluding water and exempt solvents
- Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in A.III.1.
- h. Emission Limitation -
37,907 gallons coating usage, excluding water and exempt solvents, as a rolling 365-day summation
- Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in A.III.1.
2. On an annual basis, the permittee shall use USEPA Method 24 to determine the VOC contents for all of the coatings employed. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

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VI. **Miscellaneous Requirements**

- The permittee shall pursue a coating reformulation program to develop coatings that, when employed, will cause this source to emit not more than 3.5 lbs VOC/gallon, excluding water and exempt solvents, based on a daily volume-weighted average of all coatings employed in this emissions unit in any one day. Annual reports which document this on-going research and development shall be submitted to the Director (appropriate Ohio EPA District Office or local air agency). The reports shall contain, at a minimum, letters from coating suppliers, outlining current efforts, results of any trial coating application, and any projected use of an alternative coating. Upon successful trial of a new coating, the permittee shall begin to utilize the lower VOC content coating.
- The permittee has submitted to the Director (the appropriate Ohio EPA District Office or local air agency) a complete request to modify specific variance limitations for this emissions unit.

The Ohio EPA will draft Findings and Orders (F&Os) for the requested modification of the variance and hold a public hearing within 3 months after issuance of this permit. Within four (4) months after the public hearing comment period ends, the F&Os will then be submitted by Ohio EPA to the USEPA as a revision to the State Implementation Plan (SIP) for approval.

The permittee shall obtain a final revision of the Ohio SIP within six (6) months of the submission of the request to the USEPA.

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Facility ID: 0812760220 Emissions Unit ID: K009 Issuance type: Title V Draft 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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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0812760220 Emissions Unit ID: K013 Issuance type: Title V Draft 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>
miscellaneous metal parts multitone, repair and parts spray booth No. 58	40 CFR 52.1870(c)(89)(i)(A)	3.81 volatile organic compounds (VOC)/gallon of coating applied, excluding water and exempt solvents, as a daily volume-weighted average (See A.I.2.a.)
	OAC rule 3745-17-11(B)(1)	90.4 lbs/day VOC; and 14.11 TPY VOC, as a rolling, 365-day limit
	OAC rule 3745-17-10(B)	0.75 lb/hour particulate emissions
	OAC rule 3745-17-07(A)	0.020 lb particulate emissions/mmBtu actual heat input Opacity shall not exceed 20% from the booth and oven stacks as a six-minute average, except as provided by rule.

2. **Additional Terms and Conditions**

- a. In lieu of the requirements of OAC rule 3745-21-09(U)(1)(c), the VOC content of all coatings employed in this emissions unit shall not exceed 3.81 pounds VOC per gallon of coating applied, excluding water and exempt solvents, as a daily volume-weighted average of all coatings employed in any one day.

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II. **Operational Restrictions**

1. The maximum daily coating usage, excluding water and exempt solvents, for this emissions unit shall not exceed 23.7 gallons.
2. The maximum annual coating usage, excluding water and exempt solvents, for this emissions unit shall not exceed 7,415 gallons, as a rolling, 365-day limit.
3. The permittee shall operate the water curtain 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 coating line:
 - a. The name and identification number of each coating, as applied.
 - b. The VOC content, excluding water and exempt solvents, of each coating as applied, in pounds per gallon.
 - c. The number of gallons, excluding water and exempt solvents, of each coating, as applied.
 - d. The total number of gallons, excluding water and exempt solvents, of all coatings, as applied.
 - e. 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 Cvoc2.
 - f. The total VOC emission rate for all coatings, as applied, in pounds per day.
 - g. The rolling, 365-day summation of the VOC emission rate for all coatings, as applied.
 - h. The rolling, 365-day summation of the coating usage, excluding water and exempt solvents, for all coatings employed, in gallons.
2. The permittee shall maintain daily records that document any time periods when the water curtain was not in service when the emissions unit was in operation.

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IV. **Reporting Requirements**

1. The permittee shall submit annual reports which summarize the following information for all coatings employed in this emissions unit: the total number of gallons of all coatings employed and the total VOC emissions, in tons. These reports shall be submitted by the January 31st of each year and shall cover the previous calendar year.
2. 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 daily volume-weighted average VOC content exceeds the applicable limitation. This 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.

3. The permittee shall submit quarterly deviation (excursion) reports which identify each day during which the daily VOC limitation, the rolling, 365-day summation of the daily VOC emissions, the daily coating usage restriction, and/or the rolling, 365-day summation of the daily coating usages were exceeded, as well as the corrective action(s) taken to achieve compliance.
4. 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 water curtain 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 appropriate Ohio EPA District Office or local air agency) within 30 days after the event occurs.

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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 -
3.81 lbs VOC/gallon, excluding water and exempt solvents, as a daily-volume weighted average

Applicable Compliance Method -
Compliance shall be based upon the record keeping requirements specified in A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings.
 - b. Emission Limitation -
90.4 lbs VOC/day

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in A.III.1.
 - c. Emission Limitation -
14.11 TPY VOC, as a rolling 365-day limit

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in A.III.1.
 - d. Emission Limitation -
0.75 lb/hour particulate emissions

Applicable Compliance Method -
To determine the actual worst case emissions rate for particulates, the following equation shall be used:

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

E = particulate matter emission rate (lbs/hour)

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
 - e. Emission Limitation -
0.020 lb particulate emissions/mmBtu actual heat input

Applicable Compliance Method -
If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(9).
 - f. Emission Limitation -
20% opacity visible emissions, as a six-minute average

Applicable Compliance Method -
If required, compliance 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.
 - g. Emission Limitation -
23.7 gallons/day coating usage, excluding water and exempt solvents

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in A.III.1.
 - h. Emission Limitation -
7,415 gallons coating usage, excluding water and exempt solvents, as a rolling 365-day summation

Applicable Compliance Method -

Compliance shall be based upon record keeping as specified in A.III.1.

2. On an annual basis, the permittee shall use USEPA Method 24 to determine the VOC contents for all of the coatings employed. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

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VI. Miscellaneous Requirements

1. The permittee shall pursue a coating reformulation program to develop coatings that, when employed, will cause this source to emit not more than 3.5 lbs VOC/gallon, excluding water and exempt solvents, based on a daily volume-weighted average of all coatings employed in this emissions unit in any one day. Annual reports which document this on-going research and development shall be submitted to the Director (appropriate Ohio EPA District Office or local air agency). The reports shall contain, at a minimum, letters from coating suppliers, outlining current efforts, results of any trial coating application, and any projected use of an alternative coating. Upon successful trial of a new coating, the permittee shall begin to utilize the lower VOC content coating.

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Facility ID: 0812760220 Emissions Unit ID: K013 Issuance type: Title V Draft 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: 0812760220 Emissions Unit ID: K016 Issuance type: Title V Draft 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>
miscellaneous metal parts coating line chassis No. 1, with flash-off oven	OAC rule 3745-21-09 (U)(1)(c)	3.5 pounds volatile organic compounds (VOC) per gallon of coating, excluding water and exempt solvents, as a daily-volume weighted average
	OAC rule 3745-17-10(B)	0.020 lb particulate emissions/mmBtu of actual heat input
	OAC rule 3745-17-11(B)(1)	5.75 lbs/hour particulate emissions
	OAC rule 3745-17-07(A)	Opacity shall not exceed 20% from the booth and oven stacks, as a six-minute average, except as provided by rule.

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

- 1. The permittee shall operate the water curtain 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.
 - 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 C voc,2.
- 2. The permittee shall maintain daily records that document any time periods when the water curtain was not in service when the emissions unit was in operation.

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IV. **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 daily volume-weighted average 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 or local air agency) within 45 days after the exceedance occurs
2. 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 water curtain 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 appropriate Ohio EPA District Office or local air agency) within 30 days after the event occurs.

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V. **Testing Requirements**

1. Compliance with the emission limitation in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation -
3.5 pounds VOC per gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average

Applicable Compliance Method -
Compliance shall be based upon the record keeping requirements specified in A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.
 - b. Emission Limitation -
0.020 lb particulate emissions/mmBtu of actual heat input

Applicable Compliance Method -
If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(9).
 - c. Emission Limitation -
5.75 lbs/hour particulate emissions

Applicable Compliance Method -
To determine the actual worst case emissions rate for particulates, the following equation shall be used:

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

$$E = \text{particulate matter emission rate (lbs/hour)}$$

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

Applicable Compliance Method -
If required, compliance 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.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0812760220 Emissions Unit ID: K016 Issuance type: Title V Draft 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: 0812760220 Emissions Unit ID: K017 Issuance type: Title V Draft 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
miscellaneous metal parts coating line chassis No.2, with flash-off oven	OAC rule 3745-21-09 (U)(1)(c)	3.5 pounds volatile organic compounds (VOC) per gallon of coating, excluding water and exempt solvents, as a daily-volume weighted average
	OAC rule 3745-17-10(B)	0.020 lb particulate emissions/mmBtu of actual heat input
	OAC rule 3745-17-11(B)(1)	5.75 lbs/hour particulate emissions
	OAC rule 3745-17-07(A)	Opacity shall not exceed 20% from the booth and oven stacks, as a six-minute average, except as provided by rule.

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

- 1. The permittee shall operate the water curtain 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.
 - 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 C voc.2.
- 2. The permittee shall maintain daily records that document any time periods when the water curtain was not in service when the emissions unit was in operation.

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IV. **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 daily volume-weighted average VOC content exceeds 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 or local air agency) within 45 days after the exceedance occurs
- 2. 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 water curtain 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 appropriate Ohio EPA District Office or local air agency) within 30 days after the event occurs.

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V. **Testing Requirements**

- 1. Compliance with the emission limitation in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation -
3.5 pounds VOC per gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average

Applicable Compliance Method -
Compliance shall be based upon the record keeping requirements specified in A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.
 - b. Emission Limitation -
0.020 lb particulate emissions/mmBtu of actual heat input

Applicable Compliance Method -
 If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(9).

- c. Emission Limitation -
 5.75 lbs/hour particulate emissions

Applicable Compliance Method -
 To determine the actual worst case emissions rate for particulates, the following equation shall be used:

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

E = particulate matter emission rate (lbs/hour)

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

Applicable Compliance Method -
 If required, compliance 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.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0812760220 Emissions Unit ID: K017 Issuance type: Title V Draft 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: 0812760220 Emissions Unit ID: K021 Issuance type: Title V Draft 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>
miscellaneous metal parts coating line; medium and heavy duty trucks; topcoat line Nos.157 and 158, with bake-oven; with thermal incinerator	OAC rule 3745-31-05 PTI 08-3475	minimum 85.5% overall volatile organic compounds (VOC) control efficiency from the coating line and a minimum 90% destruction efficiency for the thermal incinerator 34.58 lbs/hour and 553.24 lbs/day VOC, including primer; 66.40 TPY VOC, including primer coating, as a rolling, 365-day limit; 6.10 lbs VOC/gallon of primer, excluding water and exempt solvents, as a daily volume-weighted average; 3.50 lbs VOC/gallon of clear coat, excluding water and exempt solvents, as a daily volume-weighted average; 4.68 lbs VOC/gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average of all coatings employed, excluding primer and clear coat; 4.15 lbs VOC/gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average of all coating materials employed, excluding primer
	OAC rule 3745-17-10(B)	0.020 lb particulate emissions/mmBtu of actual heat input
	OAC rule 3745-17-07(A)	20% opacity, as a six-minute average, except as provided by rule.

OAC rule 3745-21-09(B)(6)

less stringent than overall control efficiency above

2. Additional Terms and Conditions

- a. All VOC emissions from this emissions unit are vented to the thermal incinerator, except for VOC emissions resulting from the application of primer coatings.

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1. The coating line identified as K021 shall be totally enclosed such that all VOC emissions are captured and contained for discharge through the thermal incinerator or through a stack or egress point that allows for accurate measurement of the VOC emission rates. The total enclosure shall meet the following criteria:
 - a. Any natural draft opening (NDO) shall be at least one equivalent opening diameters from each VOC emitting point (except for the flash prime).
 - b. The total area of all NDOs shall not exceed 5 percent of the surface area of the enclosure's four walls, floor, and ceiling.
 - c. The direction of air flow through all NDOs shall be into the enclosure.
 - d. All access doors and windows whose areas are not included in paragraph (b) and are not included in the calculation in paragraph (c) shall be closed during routine operation.
 - e. All VOC emissions must be captured and contained for discharge through the thermal incinerator control device or stack or egress.
 - f. The enclosure shall be under negative pressure during normal worst case operating conditions.
 - g. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential that is not less than 0.007 inches of water, as a 1-hour average, whenever the emissions unit is in operation.
2. The average temperature of the combustion chamber within the thermal incinerator, for any 3-hour period of operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance. The most recent emissions test that demonstrated compliance was conducted on September 16, 1998 with an average combustion chamber temperature of 1600 degrees Fahrenheit. This combustion chamber temperature is subject to revision, if during the term of this permit, additional stack tests are conducted that demonstrated the emissions unit is in compliance.

[Go to the top of this document](#)[Go to the top of Part III for this Emissions Unit](#)*****THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION.*******III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations with any modifications deemed necessary by the permittee.
2. The permittee shall collect and record the following information for each day for the thermal incinerator:
 - a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
 - b. All 3-hour periods of operation during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average combustion temperature measured during the most recent emission test that demonstrated that the emissions unit was in compliance.
3. The permittee shall collect and record the following information each day for the coating line:
 - a. The name and identification number of each coating, as applied.
 - b. The VOC content of each coating, as applied, in pounds per gallon of coating, excluding water and exempt solvents.
 - c. The number of gallons of each coating employed, excluding water and exempt solvents.
 - d. The volume-weighted average VOC content, in pounds per gallon of coating, excluding water and exempt solvents, for all primer coatings.
 - e. The volume-weighted average VOC content, in pounds per gallon of coating, excluding water and exempt solvents, for all clear coatings.
 - f. The volume-weighted average VOC content, in pounds per gallon of coating, excluding water and exempt solvents, for all coatings, excluding primer and clear coatings.
 - g. The volume-weighted average VOC content, in pounds per gallon of coating, excluding water and exempt solvents, for all coatings, excluding primer.

- h. The total uncontrolled VOC emissions from all coatings employed, excluding primer, in pounds or tons.
 - i. The total VOC emissions from all primer coatings employed, in pounds or tons.
 - j. The calculated, controlled VOC emission rate for all coatings, excluding primer, in pounds or tons per day. The controlled VOC emission rate shall be calculated using the overall control efficiency for the control equipment as determined during the most recent emission test that demonstrated that the emissions unit was in compliance. (The last emissions test was conducted in May, 1995 with an overall control efficiency of 89.2 percent. Until additional tests are conducted the overall control efficiency factor shall be 1 - 0.892.)
 - k. The total daily VOC emission rate, in pounds or tons, i.e., (i) + (j)
 - l. The number of hours the emissions unit was in operation.
 - m. The average hourly VOC emission rate, in pounds per hour, i.e., (k)/(l).
 - n. The rolling, 365-day summation of the VOC emission rate for all coatings and primer coatings from this emissions unit.
4. The permittee shall collect and record each month the amount of purge solvent employed and the amount of emissions from the purge solvent, in pounds or tons. The amount emitted shall be calculated using an AP-42 emission factor of 1.42 pounds of emissions per ton of solvent, from Table 4.7-1, and the overall control efficiency determined from the most recent emission test that demonstrated that the emissions unit was in compliance.
5. The permittee shall install, maintain and operate monitoring devices and a recorder that continuously and simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
- The permittee shall record and maintain the following information for each day of operation of this emissions unit:
- a. On an hourly basis, the difference in pressure (as a 1-hour average) between the permanent total enclosure and the surrounding area(s).
 - b. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

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IV. Reporting Requirements

- 1. The permittee shall submit to the Director (the appropriate Ohio EPA District Office or local air agency) quarterly summaries of the following records:
 - a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
 - b. All 3-hour periods of operation during which the average combustion temperature within the thermal incinerator was more than 50 degrees Fahrenheit below the average temperature measured during the most recent emission test that demonstrated that the emissions unit was in compliance.
 - c. A summary of the total VOC emissions (controlled and uncontrolled) for all coatings, including primer coatings, and purge solvent employed in this emissions unit.

These quarterly reports shall be submitted by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarter.
- 2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the 34.58 lbs VOC/hour, 553.24 lbs VOC/day, and the rolling, 365-day VOC emission limitation. This deviation (excursion) report shall be submitted in accordance with section A.1.c. of the General Terms and Conditions of this permit.
- 3. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that any of the daily volume-weighted average VOC contents exceeded the applicable limitation in section A.1.1. 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.
- 4. The permittee shall submit pressure differential deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure specified above.

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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 -

- minimum 85.5% overall VOC control efficiency from the coating line and a minimum 90% destruction efficiency for the thermal incinerator
- Applicable Compliance Method -
Compliance shall be based on stack testing in accordance with the test methods and procedures specified in OAC rule 3745-21-10 (see section A.V.2).
- b. Emission Limitation -
34.58 lbs VOC/hour
- Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in A.III.4.
- c. Emission Limitation -
553.24 lbs VOC/day
- Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in A.III.4.
- d. Emission Limitation -
66.40 TPY VOC, as a rolling, 365-day limit
- Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in A.III.4.
- e. Emission Limitation -
0.020 lb particulate emissions/mmBtu of actual heat input
- Applicable Compliance Method -
If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(9).
- f. Emission Limitation -
20% opacity, as a six-minute average
- Applicable Compliance Method -
If required, compliance 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.
- g. Emission Limitations -
6.10 lbs VOC/gallon of primer coating, excluding water and exempt solvents, as a daily volume-weighted average
3.50 lbs VOC/gallon of clear coating, excluding water and exempt solvents, as a daily volume-weighted average
4.68 lbs VOC/gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average of all coatings employed, excluding primer and clear coatings
4.15 lbs VOC/gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average of all coatings employed, excluding primer coatings
- Applicable Compliance Method -
Compliance shall be based upon the record keeping requirements specified in A.III.4. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of all the coatings employed. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.
2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
- a. The emission testing shall be conducted within two years after the final issuance of this permit and six months prior to permit expiration.
- b. The emission testing shall be conducted to demonstrate compliance with the overall control efficiency limitation for VOC.
- c. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approval by the appropriate Ohio EPA District Office or local air agency.
- d. The capture efficiency shall be determined using the prescribed method of testing as described in PTI No.: 08-3475 (demonstration that the system is under negative pressure at natural draft openings, oven exits, and doors to the sludge building shall be conducted through the use of smoke tubes. Negative pressure for the airhouses shall be demonstrated by inserting a magnahelix into each zone on every airhouse.), or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995, (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and the validity of the alternative, and may approve the use of the alternative if approval does not

contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s). Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0812760220 Emissions Unit ID: K021 Issuance type: Title V Draft 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: 0812760220 Emissions Unit ID: K024 Issuance type: Title V Draft 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>
touch-up paint booth No.3	OAC rule 3745-21-07(G)(2)	on any day when coating non-metal parts, 8 lbs/hour and 40 lbs/day organic compounds for the coatings and cleanup materials used for the non-metal parts
	OAC rule 3745-21-09(U)(2)(e)	on any day when coating metal parts, less than or equal to 8 gallons/day coating usage for the coatings used for the metal parts
	OAC rule 3745-17-11(B)(1)	0.551 lb/hour particulate emissions
	OAC rule 3745-17-07(A)	Opacity shall not exceed 20%, as a six-minute average, except as provided by rule.

2. **Additional Terms and Conditions**

- (a) None

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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. On any day when coating non-metal parts, the permittee shall collect and record the following information each day for this emissions unit for the coatings used for the non-metal parts:
 - a. The company identification of each coating and cleanup material employed.
 - b. The number of gallons of each coating and cleanup material employed.
 - c. The organic compound content of each coating and cleanup material employed, in pounds per gallon.

- d. The total organic compound emission rate for all coatings, in pounds per day.
 - e. The number of gallons of cleanup materials recovered for recycling or treatment.
 - f. The organic compound emission rate from cleanup materials, in pounds per day.
 - g. The total organic compound emission rate from all coatings and cleanup materials, in pounds per day.
 - h. The total number of hours the emissions unit was in operation.
 - i. The average hourly organic compound emission rate for all coatings and cleanup materials, i.e., g/h, in pounds per hour (average).
2. On any day when coating metal parts, the permittee shall collect and record the following information each day for this emissions unit for the coatings used for the metal parts:
 - a. The name and identification number of each coating employed.
 - b. The volume, in gallons, of each coating employed.
 - c. The total volume, in gallons, of all coatings employed.
3. 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.

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IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports which include the following information:
 - a. On any day when coating non-metal parts, an identification of each day during which the average hourly organic compound emissions from the coatings and cleanup materials used for the non-metal parts exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. On any day when coating non-metal parts, an identification of each day during which the organic compound emissions from the coatings and cleanup materials used for the non-metal parts exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These quarterly deviation (excursion) reports shall be submitted in accordance with section A.1.c. of the General Terms and Conditions.
2. On any day when coating metal parts, the permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that this emissions unit employed more than the applicable maximum daily coating usage restriction (gallons/day) to coat metal parts. 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.
3. 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 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 appropriate Ohio EPA District Office or local air agency) within 30 days after the event occurs.

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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 -
on any day when coating metal parts, less than or equal to 8 gallons/day coating usage for the coatings used for the metal parts

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in A.III.2.
 - b. Emission Limitation -
on any day when coating non-metal parts, 8 lbs/hour and 40 lbs/day organic compounds for the coatings and cleanup materials used for the non-metal parts

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in A.III.1.
 - c. Emission Limitation -
0.551 lb/hour particulate emissions

Applicable Compliance Method -
To determine the actual worst case emissions rate for particulates, the following equation shall be used:

E = maximum coating solids usage rate in pounds per hour x (1 - TE) x (1 - CE)

E = particulate matter emission rate (lbs/hour)

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

Applicable Compliance Method -

If required, compliance 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.

- 2. Formulation data or USEPA method 24 shall be employed to measure the VOC content for all coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0812760220 Emissions Unit ID: K024 Issuance type: Title V Draft 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>
touch-up paint booth No. 3	OAC rule 3745-31-05 PTI 08-1274	8 lbs/hour, 26 lbs/day, and 3.10 TPY volatile organic compounds (VOC), including cleanup; less than or equal to 6 gallons/day coating usage

- 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. The permittee shall collect and record the following information for each day for the coating operation:
 - a. The company identification for each coating and cleanup material employed.

- b. The number of gallons of each coating and cleanup material employed.
 - c. The total number of gallons of all coatings employed.
 - d. The volatile organic compound (VOC) content of each coating and cleanup material, in pounds per gallon.
 - e. The total VOC emission rate for all coatings, in pounds.
 - f. The number of gallons of cleanup material recovered for recycling or treatment.
 - g. The VOC emission rate from cleanup materials, in pounds.
 - h. The total VOC emission rate from all coatings and cleanup materials, in pounds.
 - i. The total number of hours the emissions unit was in operation.
 - j. The average hourly VOC emission rate for all coatings and cleanup materials, i.e., (h)/(i), in pounds per hour (average).

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IV. Reporting Requirements

- 1. The permittee shall submit quarterly deviation (excursion) reports which include the following information:
 - a. An identification of each day during which the average hourly VOC emissions from all coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly VOC emissions for each such day.
 - b. An identification of each day during which the VOC emissions from all coatings and photochemically reactive cleanup materials exceeded 26 pounds per day, and the actual VOC emissions for each such day.

These quarterly deviation (excursion) reports shall be submitted in accordance with section B.2. of the General Terms and Conditions.
- 2. 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. 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.

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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 -
8 lbs/hour VOC

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in B.III.1.
 - b. Emission Limitation -
26 lbs/day VOC

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in B.III.1.
 - c. Emission Limitation -
3.10 TPY VOC

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in B.III.1. and shall be the sum of the daily VOC emission rates for the calendar year divided by 2,000.
 - d. Emission Limitation -
less than or equal to 6 gallons/day coating usage

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in B.III.1.

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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: 0812760220 Emissions Unit ID: K026 Issuance type: Title V Draft 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>
E-coat and prime coating line	OAC rule 3745-31-05 PTI 08-3475	1.2 lbs volatile organic compounds (VOC)/gallon of E-coat prime coating, as a daily volume-weighted average, excluding water and exempt solvents;
		31.3 TPY VOC
	OAC rule 3745-17-10(B)	0.020 lb particulate emissions/mmBtu of actual heat input
	OAC rule 3745-17-07(A)	20% opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-21-09(U)(1)(c)	less stringent than VOC content limit above

2. Additional Terms and Conditions

- a. The VOC content of each coating employed in the electrodeposition dip tank of this emissions unit shall comply with the VOC content limitation of 1.2 lbs VOC/gallon of coating, excluding water and exempt solvents. To ensure compliance with this VOC content limitation, the combination of coating components added to the dip tank (i.e., pigment, resin, and glycol ethers) shall meet 1.2 pounds of VOC per gallon of coating, as a daily volume-weighted average, excluding water and exempt solvents.

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II. Operational Restrictions

1. The maximum annual E-coat coating material usage rate for this emissions unit shall not exceed 52,167 gallons, excluding water and exempt solvents.

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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 electrodeposition dip tank:
 - a. The name and identification number of each coating component added to the electrodeposition dip tank.
 - b. The VOC content, excluding water and exempt solvents, in pounds per gallon, of each coating component added to the electrodeposition dip tank.
 - c. The number of gallons of each coating component added to the electrodeposition dip tank, excluding water and exempt solvents.
 - d. The total VOC emission rate, in pounds, i.e., the summation of (b) x (c) for all the coating components added.
 - e. The total number of gallons of coating components added to the electrodeposition dip tank, excluding water and exempt solvents.
 - f. The daily, volume-weighted average VOC content of the combination of coating components (i.e., pigment, resin, and glycol ethers) added to the dip tank, in pounds per gallon, excluding water and exempt solvents.

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IV. 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 daily volume-weighted average 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 or local air agency) within 45 days after the exceedance occurs.
2. The permittee shall submit to the Director (the appropriate Ohio EPA District Office or local air agency) quarterly summaries of the total VOC emissions and coating usage for all coatings employed in this emissions unit. These quarterly reports shall be submitted by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarter.

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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 -
1.2 pounds VOC per gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average of all coating components added to the electrodeposition tank

Applicable Compliance Method -
On a day-to-day basis, compliance with this VOC content limitation shall be based upon the record keeping specified in A.III.1 and shall be demonstrated by ensuring that the VOC content of the combination of all coating components added to the dip tank meets 1.2 pounds VOC/gallon of coating, excluding water and exempt solvents, as a daily volume-weighted average. If required, USEPA Method 24 shall be used to determine the VOC contents of the coating in the electrodeposition system. If, pursuant to Section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.
 - b. Emission Limitation -
31.3 TPY VOC

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in A.III.1 and shall be the sum of the daily VOC emission rates for the calendar year, divided by 2,000 pounds per ton.
 - c. Emission Limitation -
0.020 lb particulate emissions/mmBtu of actual heat input

Applicable Compliance Method -
If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(9).
 - d. Emission Limitation -
20% opacity, as a six-minute average

Applicable Compliance Method -
Compliance with this visible emission limitation is presumed based on the use of natural gas and liquified petroleum gas. If required, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-1-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.
 - e. Emission Limitation -
52,167 gallons/year E-coat coating material usage, excluding water and exempt solvents

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in A.III.1. and shall be the sum of the daily coating usages, excluding water and exempt solvents, for the calendar year.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0812760220 Emissions Unit ID: K026 Issuance type: Title V Draft 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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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0812760220 Emissions Unit ID: K028 Issuance type: Title V Draft 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>
interior finish line spray booth, with bake oven	OAC rule 3745-31-05 PTI 08-3475	15.16 lbs/hour volatile organic compounds (VOC), excluding cleanup; 29.13 TPY VOC, including cleanup;
		4.64 lbs VOC/gallon of E-coat repair coating, excluding water and exempt solvents;
		3.49 lbs VOC/gallon of interior color coating, excluding water and exempt solvents;
		The daily volume-weighted average VOC content of all coatings, as applied, in this emissions unit shall not exceed 3.5 lbs VOC/gallon, excluding water and exempt solvents.
	OAC rule 3745-17-10(B)	0.020 lb particulate emissions/mmBtu of actual heat input
	OAC rule 3745-17-11(B)(1)	2.03 lbs/hour particulate emissions
	OAC rule 3745-17-07(A)	Opacity shall not exceed 20% from the booth and oven stacks, as a six-minute average, except as provided by rule.
	OAC rule 3745-21-09(U)(1)(c)	same as the VOC content limitation above

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

1. The maximum annual E-coat repair usage for this emissions unit shall not exceed 168 gallons, excluding water and exempt solvents.
2. The maximum annual interior color coating usage for this emissions unit shall not exceed 16,424 gallons, excluding water and exempt solvents.
3. The permittee shall operate the water curtain 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 coating 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. 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 daily VOC emission rate from all coatings employed, in pounds.
 - e. The total number of hours of operation per day.
 - f. The average hourly VOC emission rate in pounds per hour (average), i.e., d/e.
2. The permittee shall collect and record the following information each month for the coating line:
 - a. The name and identification of each cleanup material employed.
 - b. The number of gallons of each cleanup material employed.
 - c. The VOC content of each cleanup material, in pounds per gallon.

- d. The number of gallons of cleanup material recovered for recycling or treatment.
 - e. The VOC emission rate from cleanup materials, in pounds or tons per month.
 - f. The total VOC emissions from all coatings and cleanup materials, in pounds or tons per month.
3. The permittee shall maintain daily records that document any time periods when the water curtain was not in service when the emissions unit was in operation.

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IV. 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 daily volume-weighted average VOC content of 3.5 lbs VOC/gallon of coating, and/or the VOC contents of 4.64 lbs VOC/gallon of E-coat repair coating and 3.49 lbs VOC/gallon of interior color coating were exceeded. The notification shall include a copy of such record shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.
2. The permittee shall submit to the Director (the appropriate Ohio EPA District Office or local air agency) quarterly summaries of the total VOC emissions for all coatings and cleanup materials employed in this emissions unit. These quarterly reports shall be submitted by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarter.
3. 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 water curtain 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 appropriate Ohio EPA District Office or local air agency) within 30 days after the event occurs.
4. The permittee shall submit quarterly deviation (excursion) reports which identify any exceedances of the average hourly emission rate, and the actual average hourly VOC emission rate for each such day. These deviation reports shall be submitted in accordance with section A.1.c. of the General Terms and Conditions of this permit.
5. The permittee shall submit annual reports which summarize the total annual E-coat repair and interior color coating usages, in gallons. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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V. Testing Requirements

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

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in A.III.1.
 - b. Emission Limitation -
29.13 TPY VOC

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in A.III.2. and shall be the sum of the twelve monthly VOC emission rates for the calendar year.
 - c. Emission Limitation -
4.64 lbs VOC/gallon of E-coat repair coating, excluding water and exempt solvents
3.49 lbs VOC/gallon of interior color coating, excluding water and exempt solvents
3.5 lbs VOC/gallon of coating, as a daily volume-weighted average of all coatings employed, excluding water and exempt solvents

Applicable Compliance Method -
Compliance shall be based upon the record keeping requirements specified in A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of all the coatings employed. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.
 - d. Emission Limitation -
0.020 lb particulate emissions/mmBtu of actual heat input

Applicable Compliance Method -
If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(9).

- e. Emission Limitation -
2.03 lbs/hour particulate emissions

Applicable Compliance Method -
To determine the actual worst case emissions rate for particulates, the following equation shall be used:

E = maximum coating solids usage rate in pounds per hour x (1 - TE) x (1 - CE)

E = particulate matter emission rate (lbs/hour)

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

- f. Emission Limitation -
20% opacity, as a six-minute average

Applicable Compliance Method -
If required, compliance 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.

- g. Emission Limitation -
168 gallons/year E-coat repair coating usage, excluding water and exempt solvents

Applicable Compliance Method -
Compliance shall be based upon record keeping specified in A.III.1. and shall be the sum of the daily E-coat repair coating usages for the calendar year.

- h. Emission Limitation -
16,424 gallons/year interior color coating usage, excluding water and exempt solvents

Applicable Compliance Method -
Compliance shall be based upon record keeping specified in A.III.1. and shall be the sum of the daily interior color coating usages for the calendar year.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0812760220 Emissions Unit ID: K028 Issuance type: Title V Draft 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: 0812760220 Emissions Unit ID: K030 Issuance type: Title V Draft 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>
touch-up paint booth No.5	OAC rule 3745-21-07(G)(2)	on any day when coating non-metal parts, 8 lbs/hour and 40 lbs/day organic compounds for the coatings and cleanup materials used for the non-metal parts
	OAC rule 3745-21-09(U)(2)(e)	on any day when coating metal parts, less than or equal to 8 gallons/day coating usage for the coatings used for the metal parts
	OAC rule 3745-17-11(B)(1)	0.551 lb/hour particulate emissions
	OAC rule 3745-17-07(A)	Opacity shall not exceed 20%, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

- (a) None

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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. On any day when coating non-metal parts, the permittee shall collect and record the following information each day for this emissions unit for the coatings used for the non-metal parts:
 - a. The company identification of each coating and cleanup material employed.
 - b. The number of gallons of each coating and cleanup material employed.
 - c. The organic compound content of each coating and cleanup material employed, in pounds per gallon.
 - d. The total organic compound emission rate for all coatings, in pounds per day.
 - e. The number of gallons of cleanup materials recovered for recycling or treatment.
 - f. The organic compound emission rate from cleanup materials, in pounds per day.
 - g. The total organic compound emission rate from all coatings and cleanup materials, in pounds per day.
 - h. The total number of hours the emissions unit was in operation.
 - i. The average hourly organic compound emission rate for all coatings and cleanup materials, i.e., g/h, in pounds per hour (average).
2. On any day when coating metal parts, the permittee shall collect and record the following information each day for this emissions unit for the coatings used for the metal parts:
 - a. The name and identification number of each coating employed.
 - b. The volume, in gallons, of each coating employed.
 - c. The total volume, in gallons, of all coatings employed.
3. 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.

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IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports which include the following information:
 - a. On any day when coating non-metal parts, an identification of each day during which the average hourly organic compound emissions from the coatings and cleanup materials used for the non-metal parts exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. On any day when coating non-metal parts, an identification of each day during which the organic compound emissions from the coatings and cleanup materials used for the non-metal parts exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These quarterly deviation (excursion) reports shall be submitted in accordance with section A.1.c. of the General Terms and Conditions.
2. On any day when coating metal parts, the permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that this emissions unit employed more than the applicable maximum daily coating usage restriction (gallons/day) to coat metal parts. 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.
3. 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 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 appropriate Ohio EPA District Office or local air agency) within 30 days after the event occurs.

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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 -
on any day when coating metal parts, less than or equal to 8 gallons/day coating usage for the coatings used for the metal parts

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in A.III.2.

- b. Emission Limitation -
on any day when coating non-metal parts, 8 lbs/hour and 40 lbs/day organic compounds for the coatings and cleanup materials used for the non-metal parts

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in A.III.1.

- c. Emission Limitation -
0.551 lb/hour particulate emissions

Applicable Compliance Method -
To determine the actual worst case emissions rate for particulates, the following equation shall be used:

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

E = particulate matter emission rate (lbs/hour)

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

Applicable Compliance Method -
If required, compliance 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.

- 2. Formulation data or USEPA method 24 shall be employed to measure the VOC content for all coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0812760220 Emissions Unit ID: K030 Issuance type: Title V Draft 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: 0812760220 Emissions Unit ID: K031 Issuance type: Title V Draft 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>
touch-up paint booth No.4	OAC rule 3745-21-07(G)(2)	on any day when coating non-metal parts, 8 lbs/hour and 40 lbs/day organic compounds for the coatings and cleanup materials used for the non-metal parts
	OAC rule 3745-21-09(U)(2)(e)	on any day when coating metal parts, less than or equal to 8 gallons/day coating usage for the coatings used for the metal parts
	OAC rule 3745-17-11(B)(1)	0.551 lb/hour particulate emissions
	OAC rule 3745-17-07(A)	Opacity shall not exceed 20%, as a six-minute average, except as provided by rule.

2. **Additional Terms and Conditions**

- (a) None

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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. On any day when coating non-metal parts, the permittee shall collect and record the following information each day for this emissions unit for the coatings used for the non-metal parts:
 - a. The company identification of each coating and cleanup material employed.
 - b. The number of gallons of each coating and cleanup material employed.
 - c. The organic compound content of each coating and cleanup material employed, in pounds per gallon.
 - d. The total organic compound emission rate for all coatings, in pounds per day.
 - e. The number of gallons of cleanup materials recovered for recycling or treatment.
 - f. The organic compound emission rate from cleanup materials, in pounds per day.
 - g. The total organic compound emission rate from all coatings and cleanup materials, in pounds per day.
 - h. The total number of hours the emissions unit was in operation.
 - i. The average hourly organic compound emission rate for all coatings and cleanup materials, i.e., g/h, in pounds per hour (average).
2. On any day when coating metal parts, the permittee shall collect and record the following information each day for this emissions unit for the coatings used for the metal parts:
 - a. The name and identification number of each coating employed.
 - b. The volume, in gallons, of each coating employed.
 - c. The total volume, in gallons, of all coatings employed.
3. 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.

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IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports which include the following information:
 - a. On any day when coating non-metal parts, an identification of each day during which the average hourly organic compound emissions from the coatings and cleanup materials used for the non-metal parts exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. On any day when coating non-metal parts, an identification of each day during which the organic compound emissions from the coatings and cleanup materials used for the non-metal parts exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These quarterly deviation (excursion) reports shall be submitted in accordance with section A.1.c. of the General Terms and Conditions.
2. On any day when coating metal parts, the permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that this emissions unit employed more than the applicable maximum daily coating usage restriction (gallons/day) to coat metal parts. 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.
3. 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 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 appropriate Ohio EPA District Office or local air agency) within 30 days after the event occurs.

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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 -
 - on any day when coating metal parts, less than or equal to 8 gallons/day coating usage for the coatings used for the metal parts
 - Applicable Compliance Method -

Compliance shall be based upon the record keeping specified in A.III.2.

- b. Emission Limitation -
on any day when coating non-metal parts, 8 lbs/hour and 40 lbs/day organic compounds for the coatings and cleanup materials used for the non-metal parts

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in A.III.1.
 - c. Emission Limitation -
0.551 lb/hour particulate emissions

Applicable Compliance Method -
To determine the actual worst case emissions rate for particulates, the following equation shall be used:

E = maximum coating solids usage rate in pounds per hour x (1 - TE) x (1 - CE)

E = particulate matter emission rate (lbs/hour)

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

Applicable Compliance Method -
If required, compliance 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.
2. Formulation data or USEPA method 24 shall be employed to measure the VOC content for all coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0812760220 Emissions Unit ID: K031 Issuance type: Title V Draft 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>
touch-up paint booth No. 4	OAC rule 3745-31-05 PTI 08-1998	18.8 lbs/day and 2.30 TPY volatile organic compounds (VOC), including cleanup; less than or equal to 3 gallons/day coating and cleanup materials usage;
		5% opacity, as a six-minute average

- 2. **Additional Terms and Conditions**

1. None

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II. Operational Restrictions

1. The maximum annual coating usage for this emissions unit shall not exceed 740 gallons.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for this coating operation:
 - a. The company identification for each coating and cleanup material employed.
 - b. The number of gallons of each coating and cleanup material employed.
 - c. The total number of gallons of all coatings and cleanup materials employed.
 - d. The VOC content of each coating and cleanup material, in pounds per gallon.
 - e. The total VOC emission rate for all coatings, in pounds per day.
 - f. The total number of gallons of cleanup material recovered for recycling or treatment.
 - g. The VOC emission rate from cleanup materials, in pounds per day.
 - h. The total VOC emission rate from all coatings and cleanup materials, in pounds per day.

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IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports which identify each day during which the VOC emissions from the coatings and cleanup materials exceeded 18.8 pounds per day, and the actual VOC emissions for each such day.

These quarterly deviation (excursion) reports shall be submitted in accordance with section B.2. of the General Terms and Conditions.
2. The permittee shall submit annual reports which summarize the actual annual gallon usage of all coatings. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.
3. 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 employed more than the applicable maximum daily coating and cleanup material usage restriction of 3 gallons/day. 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.

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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 -
18.8 lbs/day VOC

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in B.III.1.
 - b. Emission Limitation -
2.30 TPY VOC

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in B.III.1. and shall be the sum of the daily VOC emission rates for the calendar year divided by 2,000.
 - c. Emission Limitation -
less than or equal to 3 gallons/day coating and cleanup material usage

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in B.III.1.

- d. Emission Limitation -
5% opacity, as a six-minute average

Applicable Compliance Method -
If required, compliance 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.
- e. Emission Limitation -
740 gallons/year coating usage

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in B.III.1. and shall be the sum of the daily coating usage rates for the calendar year.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0812760220 Emissions Unit ID: K036 Issuance type: Title V Draft 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>
maintenance paint booth, Dept. 82	OAC rule 3745-21-07(G)(2)	on any day when coating non-metal parts, 8 lbs/hour and 40 lbs/day organic compounds for the coatings and cleanup materials used for the non-metal parts
	OAC rule 3745-21-09(U)(2)(e)	on any day when coating metal parts, less than or equal to 8 gallons/day coating usage for the coatings used for the metal parts
	OAC rule 3745-17-11(B)(1)	0.551 lb/hour particulate emissions
	OAC rule 3745-17-07(A)	Opacity shall not exceed 20%, as a six-minute average, except as provided by rule.

2. **Additional Terms and Conditions**

- (a) None

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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. On any day when coating non-metal parts, the permittee shall collect and record the following information each day for this emissions unit for the coatings used for the non-metal parts:

- a. The company identification of each coating and cleanup material employed.
 - b. The number of gallons of each coating and cleanup material employed.
 - c. The organic compound content of each coating and cleanup material employed, in pounds per gallon.
 - d. The total organic compound emission rate for all coatings, in pounds per day.
 - e. The number of gallons of cleanup materials recovered for recycling or treatment.
 - f. The organic compound emission rate from cleanup materials, in pounds per day.
 - g. The total organic compound emission rate from all coatings and cleanup materials, in pounds per day.
 - h. The total number of hours the emissions unit was in operation.
 - i. The average hourly organic compound emission rate for all coatings and cleanup materials, i.e., g/h, in pounds per hour (average).
2. On any day when coating metal parts, the permittee shall collect and record the following information each day for this emissions unit for the coatings used for the metal parts:
 - a. The name and identification number of each coating employed.
 - b. The volume, in gallons, of each coating employed.
 - c. The total volume, in gallons, of all coatings employed.
3. 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.

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IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports which include the following information:
 - a. On any day when coating non-metal parts, an identification of each day during which the average hourly organic compound emissions from the coatings and cleanup materials used for the non-metal parts exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. On any day when coating non-metal parts, an identification of each day during which the organic compound emissions from the coatings and cleanup materials used for the non-metal parts exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

These quarterly deviation (excursion) reports shall be submitted in accordance with section A.1.c. of the General Terms and Conditions.
2. On any day when coating metal parts, the permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that this emissions unit employed more than the applicable maximum daily coating usage restriction (gallons/day) to coat metal parts. 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.
3. 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 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 appropriate Ohio EPA District Office or local air agency) within 30 days after the event occurs.

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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 -
on any day when coating metal parts, less than or equal to 8 gallons/day coating usage for the coatings used for the metal parts

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in A.III.2.
 - b. Emission Limitation -
on any day when coating non-metal parts, 8 lbs/hour and 40 lbs/day organic compounds for the coatings and cleanup materials used for the non-metal parts

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in A.III.1.

- c. Emission Limitation -
0.551 lb/hour particulate emissions

Applicable Compliance Method -
To determine the actual worst case emissions rate for particulates, the following equation shall be used:

E = maximum coating solids usage rate in pounds per hour x (1 - TE) x (1 - CE)

E = particulate matter emission rate (lbs/hour)

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

Applicable Compliance Method -
If required, compliance 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.
2. Formulation data or USEPA method 24 shall be employed to measure the VOC content for all coatings and cleanup materials.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0812760220 Emissions Unit ID: K036 Issuance type: Title V Draft 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>
maintenance paint booth, Dept. 82	OAC rule 3745-31-05 PTI 08-3739	on any day when coating metal parts, 38.4 lbs/day volatile organic compounds (VOC), for the coatings used for the metal parts; 5.84 TPY VOC, from all coatings and cleanup materials employed in this emissions unit

2. **Additional Terms and Conditions**

- a. The 38.4 lbs/day VOC emission limitation was developed for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

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II. **Operational Restrictions**

- 1. The maximum annual coating usage for this emissions unit shall not exceed 2,200 gallons.

2. The maximum annual cleanup material usage for this emissions unit shall not exceed 150 gallons.

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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 purpose of determining the annual VOC emissions:
 - a. The name and identification of each cleanup material employed.
 - b. The number of gallons of each cleanup material employed.
 - c. The total number of gallons of all cleanup materials employed.
 - d. The VOC content of each cleanup material, in pounds per gallon.
 - e. The number of gallons of each coating employed.
 - e. The total number of gallons of all coatings employed.
 - f. The VOC content of each coating, in pounds per gallon.
 - g. The total VOC emissions from all coatings, in tons.
 - h. The number of gallons of cleanup materials recovered for recycling or treatment.
 - i. The VOC emission rate from all cleanup materials, in tons.
 - j. The total VOC emission rate from all coatings and cleanup materials, in tons.

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IV. Reporting Requirements

1. The permittee shall submit annual reports to the Director (the appropriate Ohio EPA District Office or local air agency) which specify the total VOC emissions, in tons, the total coating usage, in gallons, and the total cleanup material usage, in gallons. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

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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 -
38.4 lbs/day VOC

Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum daily coating usage of 8 gallons by the maximum VOC content of all coatings employed in this emissions unit.
 - b. Emission Limitation -
5.84 TPY VOC

Applicable Compliance Method -
Compliance shall be based upon the record keeping specified in B.III.1 and shall be the sum of the monthly VOC emissions for the calendar year.
 - c. Emission Limitation -
2,200 gallons/year coating usage

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in B.III.1.
 - d. Emission Limitation -
150 gallons/year cleanup usage

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in B.III.1.

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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: 0812760220 Emissions Unit ID: K038 Issuance type: Title V Draft 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>
sealer line, dept. 68	OAC rule 3745-31-05 PTI 08-2393	7.2 lbs/hour, 0.50 ton/month, and 6.0 TPY volatile organic compounds (VOC); 0.80 pound VOC per gallon of sealer, excluding water and exempt solvents
	OAC rule 3745-21-09(U)(1)(c)	less stringent than the VOC content limitation above

2. Additional Terms and Conditions

- a. The 7.2 lbs/hour was established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

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II. Operational Restrictions

1. The maximum annual sealer usage for this emissions unit shall not exceed 15,000 gallons, excluding water and exempt solvents.

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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 of each coating (excluding water and exempt solvents), as applied.
 - c. The number of gallons (excluding water and exempt solvents) of each coating employed.
 - d. The total VOC emissions from all coatings employed, in tons.

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IV. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) 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 appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month.
2. The permittee shall submit to the Director (the appropriate Ohio EPA District Office or local air agency) quarterly summaries of the total VOC emissions and coating usage for all coatings employed in this emissions unit. These quarterly reports shall be submitted by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarter.

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V. **Testing Requirements**

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

Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum hourly coating usage (9 gallons/hour) by the maximum VOC content of 0.80 lb VOC/gallon.
 - b. Emission Limitation -
0.50 ton/month volatile organic compounds

Applicable Compliance Method -
Compliance shall be based upon record keeping specified in A.III.1.
 - c. Emission Limitation -
6.0 TPY volatile organic compounds

Applicable Compliance Method -
Compliance shall be based upon record keeping specified in A.III.1. and shall be the sum of the twelve monthly VOC emission rates for the calendar year.
 - d. Emission Limitation -
0.8 pound VOC per gallon of sealer, excluding water and exempt solvents

Applicable Compliance Method -
Compliance shall be based upon the record keeping requirements specified in A.III.1. In accordance with OAC rule 3745-21-04(B)(5), USEPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.
 - e. Emission Limitation -
15,000 gallons/year sealer usage, excluding water and exempt solvents

Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in A.III.1. and shall be the sum of the monthly usage records for the calendar year.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0812760220 Emissions Unit ID: K038 Issuance type: Title V Draft 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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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0812760220 Emissions Unit ID: P024 Issuance type: Title V Draft 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>
2. Additional Terms and Conditions			
(a) None	Roll-off booth Nos. 1 and 2 for quality testing trucks	no applicable rules	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: 0812760220 Emissions Unit ID: P024 Issuance type: Title V Draft 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>
roll-off booth Nos. 1 and 2 for quality testing trucks	OAC rule 3745-31-05 PTI 08-3444	22.02 lbs/day and 4.02 TPY carbon monoxide (CO); 44.4 lbs/day and 8.09 TPY nitrogen oxides (NOx); 4.34 lbs/day and 0.79 TPY organic compounds (OC); 2.05 lbs/day and 0.37 TPY particulate emissions (PE); and 2.24 lbs/day and 0.41 TPY sulfur dioxide (SO2)

2. **Additional Terms and Conditions**

- a. The 22.02 lbs/day CO, 44.4 lbs/day NOx, 4.34 lbs/day OC, 2.05 lbs/day PE, 2.24 lbs/day SO2, 4.02 TPY CO, 8.09 TPY NOx, 0.79 TPY OC, 0.37 TPY PE, and 0.41 TPY SO2 were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.

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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. Compliance with the emission limitation(s) in Section B.I. shall be determined in accordance with the following method(s):
 - a. Emission Limitation -
22.02 lbs/day CO

Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum number of miles run per truck testing (4.58 miles/truck) by the EPA Mobile 5a emission factor for diesel fuel (4.85 grams CO/mile) and dividing by 453.6 grams/pound. This factor is then multiplied by the maximum number of trucks tested each day in this emissions unit (450 trucks/day).
 - b. Emission Limitation -
4.02 TPY CO

Applicable Compliance Method -
The 4.02 TPY limit is based upon the maximum daily CO emissions of 22.02 lbs/day multiplied by the maximum number of days of operation (365 days/year), divided by 2,000 pounds per ton.
 - c. Emission Limitation -
44.4 lbs/day NOx

Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum number of miles run per truck testing (4.58 miles/truck) by the EPA Mobile 5a emission factor for diesel fuel (9.77 grams NOx/mile) and dividing by 453.6 grams/pound. This factor is then multiplied by the maximum number of trucks tested each day in this emissions unit (450 trucks/day).
 - d. Emission Limitation -
8.09 TPY NOx

Applicable Compliance Method -
The 8.09 TPY limit is based upon the maximum daily NOx emissions of 44.4 lbs/day multiplied by the maximum number of days of operation (365 days/year), divided by 2,000 pounds per ton.
 - e. Emission Limitation -
4.34 lbs/day OC

Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum number of miles run per truck testing (4.58 miles/truck) by the EPA Mobile 5a emission factor for diesel fuel (0.957 gram OC/mile) and dividing by 453.6 grams/pound. This factor is then multiplied by the maximum number of trucks tested each day in this emissions unit (450 trucks/day).
 - f. Emission Limitation -
0.79 TPY OC

Applicable Compliance Method -
The 0.79 TPY limit is based upon the maximum daily OC emissions of 4.34 lbs/day multiplied by the maximum number of days of operation (365 days/year), divided by 2,000 pounds per ton.
 - g. Emission Limitation -
2.05 lbs/day PE

Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum number of miles run per truck testing (4.58 miles/truck) by the EPA PART5 Highway Vehicle Particulate Emission Modeling emission factor for diesel fuel 0.452 gram particulate/mile) and dividing by 453.6 grams/pound. This factor is then multiplied

by the maximum number of trucks tested each day in this emissions unit (450 trucks/day).

- h. Emission Limitation -
0.37 TPY PE

Applicable Compliance Method -
The 0.37 TPY limit is based upon the maximum daily particulate emissions of 2.05 lbs/day multiplied by the maximum number of days of operation (365 days/year), divided by 2,000 pounds per ton.

- i. Emission Limitation -
2.24 lbs/day SO2

Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum number of miles run per truck testing (4.58 miles/truck) by the EPA PART5 Highway Vehicle Particulate Emission Modeling emission factor for diesel fuel (0.493 gram SO2/mile) and dividing by 453.6 grams/pound. This factor is then multiplied by the maximum number of trucks tested each day in this emissions unit (450 trucks/day).

- j. Emission Limitation -
0.41 TPY SO2

Applicable Compliance Method -
The 0.41 TPY limit is based upon the maximum daily SO2 emissions of 2.24 lbs/day multiplied by the maximum number of days of operation (365 days/year), divided by 2,000 pounds per ton.

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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: 0812760220 Emissions Unit ID: Z001 Issuance type: Title V Draft 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>
Roll-off booth Nos. 3 and 4 for quality testing trucks	no applicable rules	none
2. Additional Terms and Conditions		
(a) 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: 0812760220 Emissions Unit ID: Z001 Issuance type: Title V Draft 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