

Facility ID: 0125242321 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

[Go to Part II for Emissions Unit K001](#)

[Go to Part II for Emissions Unit K002](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0125242321 Emissions Unit ID: K001 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Downdraft paint booth for automotive and parts refinishing	OAC rule 3745-21-09(U)(2)(c) OAC rule 3745-17-11 OAC rule 3745-31-05 PTI # 01-6406	Exemption from the requirements of 3745-21-09(U)(1) for the repainting (refinishing) of used motor vehicles and trailers. 0.551 pound PM per hour allowable emissions; use of no more than 531 gallons of coating per year; 4.25 pounds VOC per hour allowable emissions (see 2.a below); 1.75 ton VOC per year allowable emissions; 0.02 ton PM per year allowable emissions.

2. **Additional Terms and Conditions**
 - (a) The hourly VOC limitation is based on the maximum capacity of this emission unit and was used to establish compliance with the Ohio Air Toxics Policy. No record keeping for this limitation is necessary.

B. Operational Restrictions

1. The permittee shall ensure that all polyester filters are in place and operating correctly at all times that the emissions unit is in use.
2. The permittee shall ensure that the water wash filtration system is operating at all times that the emissions unit is in use.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the line for the purpose of determining VOC emissions:
 - a. The name and identification number of each coating and cleanup material, as applied.
 - b. The VOC content of each coating and cleanup material in pounds per gallon as applied.
 - c. The number of gallons of each coating and cleanup material used.
 - d. The total VOC emissions from all coatings and cleanup materials employed, in tons. (See E.2.b.ii and E.2.b.iii below).

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any exceedance of the annual VOC 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) by January 31 of the year following the exceedance.
2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any exceedance of the annual gallon usage 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) by January 31 of the year following the exceedance.

E. Testing Requirements

1. Compliance with the emissions limitations in A.I. of these terms and conditions shall be determined in accordance with the following method(s):
2. Emissions Limitation:
 - a. Use of no more than 531 gallons of coating per year;
 - b. 4.25 pounds VOC per hour; 1.75 ton VOC per year;
 - c. 0.551 pounds PM per hour; 0.02 tons PM per year
3. Applicable Compliance Methods:
 - a. Total monthly coating usage shall be determined by adding the number of gallons (C.1.c above) of each coating used. The monthly usages shall be added to determine total yearly coting usage.
 - b. Compliance shall be determined through the following:
 - i. Each coating/clean-up material VOC content shall be multiplied by the number of gallons of that coating/cleanup material used during the month. The resulting products shall be added for the monthly VOC emissions. These total monthly emissions shall be added for the year to determine annual VOC emissions.
 - ii. OAC rule 3745-21-10(B). USEPA Methods 24 and 24A shall be used to determine the VOC contents for (a) coatings and (b) flexographic and rotogravure printing inks and related coatings, respectively. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or ink to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.
 - c. PM emissions are determined by the following equation:

$$(SC) * (Va) * (1-TE) * (1-FE) = PM \text{ emitted}$$

Where:

SC = solids content of the coating applied in pounds per gallon;
 Va = volume of coating applied in gallons;
 TE = transfer efficiency of painting equipment in decimal form (use 0.40);
 FE = filter efficiency in decimal form (use 0.98);
 PM emitted = particulate matter emitted in pounds

F. Miscellaneous Requirements

1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0125242321 Emissions Unit ID: K002 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Downdraft paint booth for automotive and parts refinishing	OAC rule 3745-21-09(U)(2)(c) OAC rule 3745-17-11 OAC rule 3745-31-05 PTI # 01-6406	Exemption from the requirements of 3745-21-09(U)(1) for the repainting (refinishing) of used motor vehicles and trailers. 0.551 pound PM per hour allowable emissions; use of no more than 531 gallons of coating per year; 4.25 pounds VOC per hour allowable emissions (see

2.a below);
 1.75 ton VOC per year allowable emissions;
 0.02 ton PM per year allowable emissions.

2. Additional Terms and Conditions

- (a) The hourly VOC limitation is based on the maximum capacity of this emission unit and was used to establish compliance with the Ohio Air Toxics Policy. No record keeping for this limitation is necessary.

B. Operational Restrictions

1. The permittee shall ensure that all polyester filters are in place and operating correctly at all times that the emissions unit is in use.
2. The permittee shall ensure that the water wash filtration system is operating at all times that the emissions unit is in use.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the line for the purpose of determining VOC emissions:
 - a. The name and identification number of each coating and cleanup material, as applied.
 - b. The VOC content of each coating and cleanup material in pounds per gallon as applied.
 - c. The number of gallons of each coating and cleanup material used.
 - d. The total VOC emissions from all coatings and cleanup materials employed, in tons. (See E.2.b.ii and E.2.b.iii below).

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any exceedance of the annual VOC 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) by January 31 of the year following the exceedance.
2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any exceedance of the annual gallon usage 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) by January 31 of the year following the exceedance.

E. Testing Requirements

1. Compliance with the emissions limitations in A.I. of these terms and conditions shall be determined in accordance with the following method(s):
2. Emissions Limitation:
 - a. Use of no more than 531 gallons of coating per year;
 - b. 4.25 pounds VOC per hour; 1.75 ton VOC per year;
 - c. 0.551 pounds PM per hour; 0.02 tons PM per year
3. Applicable Compliance Methods:
 - a. Total monthly coating usage shall be determined by adding the number of gallons (C.1.c above) of each coating used. The monthly usages shall be added to determine total yearly coating usage.
 - b. Compliance shall be determined through the following:
 - i. Each coating/clean-up material VOC content shall be multiplied by the number of gallons of that coating/cleanup material used during the month. The resulting products shall be added for the monthly VOC emissions. These total monthly emissions shall be added for the year to determine annual VOC emissions.
 - iii. OAC rule 3745-21-10(B). USEPA Methods 24 and 24A shall be used to determine the VOC contents for (a) coatings and (b) flexographic and rotogravure printing inks and related coatings, respectively. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or ink to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.
 - c. PM emissions are determined by the following equation:

$$(SC) * (Va) * (1-TE) * (1-FE) = PM \text{ emitted}$$

Where:

SC = solids content of the coating applied in pounds per gallon;
 Va = volume of coating applied in gallons;
 TE = transfer efficiency of painting equipment in decimal form (use 0.40);
 FE = filter efficiency in decimal form (use 0.98);
 PM emitted = particulate matter emitted in pounds

F. Miscellaneous Requirements

1. These terms and conditions shall supersede all air pollution control requirements for this emission unit contained in permit to install #01-6406 as issued September 11, 1996.