

Facility ID: 0448041065 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.

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

Facility ID: 0448041065 Emissions Unit ID: K001 Issuance type: Final State Permit To Operate

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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>
K001 - 2 Downdraft Devilbis spray booths w/oven	OAC rule 3745-31-05(A)(3) (PTI 04-01487, issued 9/18/2007)	Particulate emissions (PE) shall not exceed 2.4 tons per year;
		Facility-wide emissions of Volatile Organic Compounds (VOC) and combined hazardous air pollutants (HAPs) shall not exceed 9 pounds per hour and 19.8 tons per year; Facility-wide emissions of a single HAP shall not exceed 4.5 pounds per hour and 9.9 tons per year;
		See Section II.A.2.a through II.A.2.c.
	OAC rule 3745-17-07(A)	See Section II.A.2.d.
	OAC rule 3745-17-11(B)(1)	0.551 lb/hr PE
	OAC rule 3745-21-07(G)	Exempt, see Section II.A.2.e.
	OAC rule 3745-21-09(U)(1)	Exempt, see Section II.A.2.f.

2. Additional Terms and Conditions

- (a) The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(1).
 Visible particulate emissions, from any stack, shall not exceed 10% opacity as a 6-minute average, except as provided by the rule.
 The permittee shall employ the following best available control measures for the spray painting operations and associated curing oven operations for the purpose of ensuring compliance with the above-mentioned applicable requirements:

 The permittee shall perform all painting operations in enclosed spray booth(s) which are designed to confine and direct the paint overspray, fumes, and vapors to a powered ventilation system and are equipped with either a dry filtration system or water wash system(s) to capture paint overspray.

 The permittee shall apply any paint or coatings by one of the following means: high volume low pressure (HVLP) spray equipment, or electrostatic application equipment.

 The exhaust stack of the paint spray booth at the facility: (a) is equipped with a fan designed to achieve an exhaust flow capacity of at least 10,000 cfm; (b) discharges air contaminants in a vertical direction, without obstructions like rain caps, goose neck exhaust, or other obstructions; (c) has a stack height which is at least sixteen feet, as measured from ground level to the point of discharge to the atmosphere; (d) has a point of discharge no closer than sixty feet to the nearest property line.

 The permittee shall regularly maintain the spray painting application equipment, exhaust filtration systems, and spray booths in accordance with the recommended procedures and maintenance intervals of the respective manufacturers in order to minimize air contaminant emissions.
 Paint application equipment shall be cleaned using one or more of the following means: (a) in a device that remains closed at all times when not in use; (b) in a system that discharges nonatomized cleaning solvent into a waste container that remains closed when not in use; (c) in a reservoir that allows for disassembly and cleaning of application equipment and that is kept closed when not in use; (d) in a system that atomizes cleaning solvent into a waste container that is fitted with a device to capture

atomized solvent emissions. If a water wash system is employed to control paint overspray, the facility shall comply with all applicable laws pertaining to the handling, treatment, or discharge of wastewater.

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

This emissions unit is exempt from the requirements of OAC rule 3745-21-07 pursuant to OAC rule 3745-21-07(A)(2).

This emissions unit is exempt from the requirements of OAC rule 3745-21-09(U)(1) pursuant to OAC rule 3745-21-09(U)(2)(c).

B. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.
2. The maximum number of jobs for this emissions unit shall not exceed 4,400 jobs on an annual basis.
3. The maximum number of gallons of all coatings, solvents, and other volatile organic compound containing materials shall not exceed 5,000 gallons on an annual basis.

C. Monitoring and/or Record Keeping Requirements

1. 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.
2. The permittee shall maintain monthly records of the number of jobs performed in a calendar year.
3. The permittee shall maintain annual records which list the following information for each VOC-containing material (coatings, thinners, reducers, surfacers, clean-up solvents, etc.) used or purchased by the facility in each calendar year:
 - (a) The name and identification number of each material.
 - (b) The quantity of each material used or purchased, in gallons.
 - (c) The VOC content of each material, in pounds per gallon.
4. The permittee shall maintain monthly records of the total volume, in gallons, of all VOC-containing materials used or purchased in a calendar year.
5. The permittee shall maintain documentation which demonstrates that the exhaust stack complies with the design requirements listed in OAC rule 3745-31-03(A)(4)(g)(i)(f).

D. Reporting Requirements

1. The permittee shall notify the Toledo Division of Environmental Services 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 Toledo Environmental Services within 30 days after the event occurs.
2. The permittee shall notify the Toledo Division of Environmental Services in writing of any record showing that the maximum number of jobs per calendar year has been exceeded. The notification shall include a copy of such record and shall be sent to the Toledo Environmental Services within 30 days after the event occurs.
3. The permittee shall notify the Toledo Division of Environmental Services in writing of any record showing that the maximum number of gallons of VOC-containing materials per calendar year has been exceeded. The notification shall include a copy of such record and shall be sent to the Toledo Environmental Services within 30 days after the event occurs.

E. Testing Requirements

1. Compliance with the emission limitations in sections A.1. and A.2. of these terms and conditions shall be determined in accordance with the following methods:

Emission Limitation:

10% opacity as a 6-minute average

Applicable Compliance Method:

Compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1).

Emission Limitation:

0.551 lb PE/hour

Applicable Compliance Method:

Compliance shall be determined through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).

Emission Limitation:

2.4 ton PE/year

Applicable Compliance Method:

The 2.4 TPY emission limitation was developed by multiplying the 0.551 lb/hr emission rate by a maximum operating schedule of 8,760 hours/year and dividing by 2,000 lbs/ton. Therefore, provided compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

Emission Limitation:

Facility-wide emissions of VOC and combined HAPs shall not exceed 9 lb pounds per hour.

Applicable Compliance Method:

Compliance with the hourly VOC/combined HAPs emission limitation is based on multiplying the maximum of one job per hour by an OEPA-determined emission factor of 9 pounds VOC/combined HAP per job.
Emission Limitation:

Facility-wide emissions of VOC and combined HAPs shall not exceed 19.8 tons per year.

Applicable Compliance Method:

Compliance with the annual tons per year VOC/combined HAP emission limitation is based on multiplying the 4,400 maximum number of jobs per year by an emission factor of 9 pounds of VOC/combined HAPs per job and dividing by 2,000 pounds per ton.
Emission Limitation:

Facility-wide emissions shall not exceed 4.5 pounds per hour for any single HAP.

Applicable Compliance Method:

Compliance with the hourly single HAP emission limitation is based on multiplying the maximum of one job per hour by a maximum emission factor 4.5 pounds single HAP per job.
Emission Limitation:

Facility-wide emissions shall not exceed 9.9 tons per year for any single HAP.

Applicable Compliance Method:

Compliance with the annual tons per year VOC/combined HAP emission limitation is based on multiplying the 4,400 maximum number of jobs per year by an emission factor of 4.5 pounds of VOC/combined HAPs per job and dividing by 2,000 pounds per ton.

2. Compliance with the annual material usage limitation shall be based upon the recordkeeping requirements specified in C.3 and OAC rule 3745-31-03(A)(4)(g)(iv)(a).

F. **Miscellaneous Requirements**

1. None