

Facility ID: 1431052164 Issuance type: Final State Permit To Operate

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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: 1431052164 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>
miscellaneous metal parts paint booth	OAC rule 3745-31-05(A)(3) (PTI 14-1965)	22.5 lbs of volatile organic compound (VOC) emissions/day from surface coatings; 1.2 tons per year (TPY) of VOC emissions from surface coatings 3.9 lbs of VOC emissions/day from prime wash and cleanup materials; 0.49 TPY of VOC emissions from prime wash and cleanup materials; See Sections A.2.b and A.2.c below.
	OAC rule 3745-21-09(U)(2)(f)	See Section A.2.a below.

2. Additional Terms and Conditions

- (a) Pursuant to OAC rule 3745-21-09(U)(2)(f), the Director has determined that "best available technology" for this emissions unit, as defined in PTI #14-1965, is a control requirement or emission limitation that is either less stringent than or inconsistent with the requirements of paragraph (U)(1) of OAC rule 3745-21-09. Specifically, the VOC content limitation in the PTI for coatings is less stringent than the applicable VOC content limitation in paragraph (U)(1) of OAC rule 3745-21-09. The VOC content, as applied, of each surface coating shall not exceed 4.42 pounds of VOC per gallon, excluding water and exempt solvents. The VOC content of each prime wash and cleanup material employed shall not exceed 6.51 pounds of VOC per gallon.

B. Operational Restrictions

1. The maximum amount of all coatings employed shall not exceed 5.1 gallons in any one day and 542 gallons per year, excluding water and exempt solvents.
2. The maximum amount of all prime wash and cleanup materials employed shall not exceed a combined total of 0.6 gallon per day and 150 gallons per year.

C. Monitoring and/or Record Keeping Requirements

1. The permitted shall maintain daily records of the following information for this emissions unit:
 - a. the company name and identification number of each surface coating, prime wash, and cleanup material employed;
 - b. the amount, in gallons, of each surface coating employed, excluding water and exempt solvents;
 - c. the amount, in gallons, of each prime wash employed;
 - d. the amount, in gallons, of each cleanup material employed;
 - e. the amount, in gallons, of all surface coatings employed, excluding water and exempt solvents;
 - f. the total amount, in gallons, of all prime wash and cleanup material employed [summation of (c) and (d)];

g. the VOC content, in lbs of VOC/gallon, of each surface coating employed, excluding water and exempt solvents;

h. the VOC content, in lbs of VOC/gallon, of each prime wash material employed;

i. the VOC content, in lbs of VOC/gallon, of each cleanup material employed;

j. the daily VOC emissions from all surface coatings employed, in lbs/day [the summation of (b) x (g) for all surface coatings employed]; and

k. the daily VOC emissions from all prime wash and cleanup materials employed, in lbs/day [the summation of (c) x (h) for all prime wash employed, plus the summation of (d) x (i) for all cleanup materials employed].

2. The permittee shall collect and record the following information for this emissions unit for the purpose of determining compliance with the annual usage restrictions for surface coatings, prime wash and cleanup materials:

a. the total amount, in gallons, of all surface coatings employed, excluding water and exempt solvents, for the calendar year [the summation of (C.1.e) for all surface coatings employed]; and

b. the total amount, in gallons, of all prime wash and cleanup materials employed for the calendar year [the summation of (C.1.f) for all prime wash and cleanup materials employed].

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services of any daily record showing the use of noncomplying coatings, prime wash or cleanup materials (i.e., for VOC content) or any exceedance of the daily coating, prime wash and cleanup material usage restrictions specified in Sections A.2 and B. The notification shall be in the form of a report that includes the reason for the exceedance and the steps taken to resolve the violation. A copy of this report shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month.
2. The permittee shall submit annual reports that summarize the annual surface coating usage, excluding water and exempt solvents, and the prime wash and cleanup material usage, in gallons. The reports shall be submitted by January 31 of each year and cover the previous calendar year.

E. Testing Requirements

1. Compliance with the VOC emission limitations, VOC content limitations and material usage restrictions specified in Sections A and B shall be determined by the following methods:
VOC Emission Limitations: 22.5 lbs of VOC emissions/day from surface coatings; 1.2 TPY of VOC emissions from surface coatings

Applicable Compliance Method: Compliance with the daily VOC emission limitation shall be determined by the record keeping requirements specified in Section C.1. Compliance with the annual VOC emission limitation is ensured if compliance is maintained with the annual surface coating usage restriction.

VOC Emission Limitations: 3.9 lbs of VOC emissions/day from prime wash and cleanup materials combined; 0.49 TPY of VOC emissions from prime wash and cleanup materials combined

Applicable Compliance Method: Compliance with the daily VOC emission limitation shall be determined by the record keeping requirements specified in Section C.1. Compliance with the annual VOC emission limitation is ensured if compliance is maintained with the annual prime wash and cleanup material usage restriction.

VOC Content Limitations: 4.42 lbs of VOC/gallon, excluding water and exempt solvents, for each surface coating; 6.51 lbs of VOC/gallon for each prime wash and cleanup material

Applicable Compliance Method: Compliance with the VOC content limitations shall be determined by the record keeping requirements specified in Section C.1. 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 U.S. EPA and shall use formulation data for that coating to demonstrate compliance until the U.S. EPA provides alternative analytical procedures or alternative precision statements for Method 24. Formulation data or U.S. EPA Method 24 shall be used to determine the VOC content of any prime wash and cleanup material.

Material Usage Restrictions: 5.1 gallons/day and 542 gallons/year for surface coatings; 0.6 gallon per day and 150 gallons per year for prime wash and cleanup materials combined

Applicable Compliance Method: Compliance with the daily and annual material usage restrictions shall be determined by the record keeping requirements specified in Sections C.1 and C.2, respectively.

F. Miscellaneous Requirements

1. None