

Facility ID: 1409000675 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: 1409000675 Emissions Unit ID: P004 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>
P004-Special Inks Silk Screen Printing Area	OAC rule 3745-31-05(A)(3) (PTI 14-05395)	Organic compound (OC) emissions shall not exceed 8.0 lbs/hr, 40.0 lbs/day OC, and 1.0 TPY OC. See terms A.2.a, B.1, B.2 and B.3.
	OAC rule 3745-21-07(G)(2)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(C). The emission limitations specified by this rule are equivalent to the hourly and daily emission limitations established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-31-05(C)	See term A.2.c.

2. **Additional Terms and Conditions**
 - (a) The daily volume-weighted average organic compound (OC) content of all coatings employed in this emissions unit shall not exceed 5.73 pounds of OC per gallon of coating, as applied. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the usage, emissions, and OC content limitation.
The total allowable emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from emissions units K001, N001, P001, P002, P003, P004, and R001 including any de minimus air contaminant sources, as defined in OAC rule 3745-15-05, and any permanent exemption air contaminant sources installed subsequent to the issuance of this permit shall not exceed 9.9 TPY for any single HAP and 24.9 TPY for the total of all HAPs. Compliance with the above limitations shall be based on a rolling, 12-month summation.

B. Operational Restrictions

1. The maximum daily coating usage for this emissions unit shall not exceed 6.9 gallons per day.
2. The maximum annual coating usage for this emissions unit shall not exceed 350 gallons per year.
3. The permittee shall store all waste coatings in containers with tight fitting lids to prevent evaporation loss.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day:
 - a. The name and company identification of each coating, as applied.
 - b. The OC content of each coating employed, in pounds per gallon, as applied.
 - c. The volume of each coating employed, in gallons.
 - d. The OC emissions from each coating employed, in pounds [i.e., (C.1.b)x(C.1.c)], for each coating identified in C.1.a].
 - e. The OC emissions from all coatings, in pounds per day (summation of the emissions from C.1.d).
 - f. The hours per day that this emission unit operated.

- g. The average hourly organic compound emission rate from all coatings, in pounds per hour (C.1.e/C.1.f).
 - h. The total volume of all coatings employed, in gallons (i.e., the sum of the volumes recorded in C.1.c for all coatings identified in C.1.a).
 - i. The daily volume-weighted average OC content for all coatings, in pounds per gallon (average), as applied [i.e., the sum of (C.1.b)(C.1.c) for all the coatings identified in C.1.a, divided by C.1.h].
2. The permittee shall collect and record the following information each month for the emissions units identified in term and condition A.2.c:
- a. The name and identification number of each coating material employed;
 - b. The individual Hazardous Air Pollutant (HAP)* content for each HAP of each coating material* in pounds of individual HAP per gallon of coating, as applied;
 - c. The total combined HAP content of each coating material in pounds of combined HAPs per gallon of coating, as applied [sum all the individual HAP contents from (b)];
 - d. The number of gallons of each coating material* employed;
 - e. The name and identification of each cleanup material employed;
 - f. The individual HAP content for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied;
 - g. The total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied [sum all the individual HAP contents from (f)];
 - h. The number of gallons of each cleanup material employed;
 - i. The total individual HAP usage for each HAP from all coating material and cleanup material employed, in pounds or tons per month [for each HAP the sum of (b) times (d) for each coating plus the sum of (f) times (h) for each cleanup material];
 - j. The total combined HAP usage from all coating material and cleanup material employed, in pounds or tons per month [the sum of (c) times (d) for each coating plus the sum of (g) times (h) for each cleanup material];
 - k. The updated rolling, 12-month summation of usage for each individual HAP**, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months; and
l. The updated rolling, 12-month summation of usage for total combined HAP**, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.

* A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Hamilton County Department of Environmental Services contact. This information does not have to be kept on a line-by-line basis.

** This assumes the HAP(s) emitted are the same as the amounts of HAP(s) used since all HAP(s) used evaporated.

D. Reporting Requirements

- 1. The permittee shall submit deviation (excursion) reports which include an identification of each day during which the organic compound emissions from the emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
- 2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily record showing that the daily volume-weighted average OC content or daily coating usage limit exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurs.
- 3. The permittee shall notify the Hamilton County Department of Environmental Services of any exceedance of the HAP usage limitations set forth in term A.2.c. The permittee shall submit semi-annual reports which identify all exceedances of these limitations, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 and July 31 of each year and cover the previous six calendar months (July through December and January through June, respectively). If no exceedances occurred during the reporting period then a report is required stating so.
- 4. The permittee shall submit annual reports which identify the total coating usage for this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
- 5. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

- 1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be demonstrated by the following methods:
 - a. Emission Limitation:
Organic compound (OC) emissions shall not exceed 8.0 lbs/hr.
 - Applicable Compliance Method:
Compliance with the daily and yearly OC limitations shall be demonstrated by the record keeping in term and condition C.1.
 - b. Emission Limitation(s):

Organic compound (OC) emissions shall not exceed 40.0 lbs/day and 1.0 TPY OC.

Applicable Compliance Method:

Compliance with the daily and yearly OC limitations shall be demonstrated by the record keeping in term and condition C.1.

2. Compliance with the OC content limitation for the coatings cited in term and condition A.2.a shall be demonstrated by the record keeping in term and condition C.1.

USEPA methods 24 and 24A shall be used to determine the OC content for coatings and cleanup materials, respectively. If, pursuant to 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating or cleanup material, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or cleanup material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative percision statements for Method 24 or 24A.

3. Compliance with the usage limitations in terms and conditions B.1 and B.2 shall be demonstrated by the record keeping in term and condition C.1.
4. Compliance with the HAP emissions limitations cited in term A.2.c shall be demonstrated by the record keeping in term and condition C.2.

F. **Miscellaneous Requirements**

1. None