Facility ID: 1409040702 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: 1409040702 Emissions Unit ID: R003 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Silk screening operation	PTI 14-4366	See A.2.
	OAC 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a six-minute average, except as specified by rule.
	OAC 3745-17-11(B)	Less stringent than the BAT limit in A.2.e.
	OAC 3745-21-07(G)(2)	See A.2.c.
	OAC 3745-21-09(U)(1)	Exempt per OAC 3745-21-09(U)(2)(f)(ii).

2. **Additional Terms and Conditions**

   (a) The emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall not exceed 10 tons per year (TPY) for any single HAP and 25 TPY for any combination of HAPs, based on a rolling, twelve-month total.
   When coating metal parts, the organic compound (OC) emissions shall not exceed 56.1 pounds per day.
   When coating non-metal parts and using photochemically reactive materials, as defined in OAC 3745-21-01(C)(5), the OC emissions shall not exceed 8 pounds per hour and 40 pounds per day.
   The total OC emissions from this emissions unit shall not exceed 1.5 TPY.
   The total PM emissions from this emissions unit shall not exceed 0.551 pounds per hour and 2.41 TPY.

   The PM emission limits are based on the PTE for this emissions unit; therefore, no record keeping, reporting or testing is required to demonstrate compliance with the PM emissions limits.

B. **Operational Restrictions**

None

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

1. The permittee shall collect and record the following information each month for the entire facility:

   a. The name and identification number of each coating, as applied.
   b. The individual Hazardous Air Pollutant (HAP) content for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied.
   c. The total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied (the sum of all the individual HAP contents from (b)).
   d. The number of gallons of each coating 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 (the sum of all the individual HAP contents from (f)).
   h. The number of gallons of each cleanup material employed.
   i. The total individual HAP emissions for each HAP from all coatings and cleanup materials 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 emissions from all coatings and cleanup materials employed, in pounds or tons per month (the sum of (c) times (d) for each coating plus the sum of (f) times (h) for each cleanup material).
   k. *The rolling, twelve-month total individual HAP emissions for each HAP, in pounds or tons.

I. *The rolling, twelve-month total combined HAP emissions, in pounds or tons.

*This shall include the information for the current month and the preceding eleven calender months. For the first twelve months following the issuance of the PTI, this shall be a cumulative total for all months since the issuance of the PTI.

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA field office or local air agency contact. This information does not have to be kept on a line-by-line basis.

2. When coating metal parts, the permittee shall collect and record the following information each day:

a. The company identification for each coating and organic cleanup material employed.
b. The number of gallons of each coating and organic cleanup material employed.
c. The OC content of each coating and organic cleanup material employed, in pounds per gallon, as applied, including water and exempt solvents.
d. The total OC emissions, i.e., the sum of (b) times (c) for all coatings and organic cleanup materials employed, in pounds per day.

3. For each day during which a photochemically reactive material (coating and/or cleanup material) is employed for the coating of non-metal parts, the permittee shall collect and record the following information for the coating of non-metal parts:

a. The company identification for each coating, each photochemically reactive cleanup material, and each nonphotochemically reactive cleanup material employed.
b. The total number of gallons of each coating, each photochemically reactive cleanup material, and each nonphotochemically reactive cleanup material employed.
c. The OC content of each coating, each photochemically reactive cleanup material, and each nonphotochemically reactive cleanup material employed.
d. The total number of hours the emissions unit was in operation.
e. The OC emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day.
f. The average hourly OC emission rate for all coatings and photochemically reactive cleanup materials, i.e., (e)/(d), in pounds per hour.
g. The OC emission rate for all nonphotochemically reactive cleanup materials, in pounds per day.
h. The total OC emission rate for all coatings and cleanup materials, in pounds per day, i.e., (e) + (g).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

4. For each day during which no photochemically reactive material (coating and/or cleanup material) is employed for the coating of non-metal parts, the permittee shall collect and record the following information for the coating of non-metal parts:

a. The company identification for each coating and cleanup material employed.
b. The total number of gallons of each coating and cleanup material employed.
c. The OC content of each coating and cleanup material, in pounds per gallon.
d. The total OC emission rate for all coatings and cleanup materials, in pounds per day.

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

D. **Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports which include the following:

a. For any day during which metal parts are coated, an identification of each day during which the OC emission rate from the coatings and cleanup materials, exceeded 56.1 pounds per day, and the actual OC emission rate for each such day.

b. For any day during which a photochemically reactive material is employed for the coating of non-metal parts, an identification of each day during which the average hourly OC emission rate from the coating of non-metal parts exceeded 8 pounds per hour, and the actual average hourly OC emission rate for each such day.

c. For any day during which a photochemically reactive material is employed for the coating of non-metal parts, an identification of each day during which the OC emission rate from the coating of non-metal parts exceeded 40 pounds per day, and the actual OC emission rate for each such day.

2. The permittee also shall submit an annual report of the OC emissions from this emissions unit, and the individual HAP emissions and the combined HAP emissions from this facility, in tons per year. These reports shall be submitted by January 31 of each year and shall address the previous calendar year.

E. **Testing Requirements**

1. Compliance with the visible emissions limit in A.1 shall be determined by Method 9 of 40 CFR Part 60, Appendix A.

2. Compliance with the HAP emissions limits in A.2.a shall be determined by the record keeping in C.1.

3. USEPA Method 24 shall be used to determine the VOC content for each coating and cleanup material employed. 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 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 precision statements for Method 24.

4. Compliance with the OC emissions limit in A.2.b. shall be determined by the record keeping in C.2.

5. Compliance with the OC emissions limits in A.2.c. shall be determined by the record keeping in C.3.

6. Compliance with the OC emissions limit in A.2.d. shall be determined by the sum of the daily records in C.2., C.3. and C.4.

F. **Miscellaneous Requirements**

1. The following terms in this permit are federally enforceable:

   Terms: A.2.a, C.1 and D.3.