

Facility ID: 0819070215 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: 0819070215 Emissions Unit ID: K006 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>
K006 - Chain-on-Edge Paint Booth	OAC rule 3745-31-05(A)(3) PTI 08-04519	The organic compound (OC) emissions from this emissions unit shall not exceed 19.1 lbs/hr and 6.20 tons per year (TPY), as a rolling 365-day summation from operating scenario #3. The total OC emissions from this emissions unit from operating scenarios #1 & #2 shall not exceed 7.3 TPY. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G) and OAC rule 3745-35-07(B).
	OAC rule 3745-35-07 (B) Synthetic Minor to avoid Title V permitting	The OC emissions from this emissions unit from operating scenario #3 shall not exceed 6.20 TPY, as a rolling 365-day summation.
	OAC rule 3745-21-07(G)(2)	See B.1. and B.2. The total OC emissions from this emissions unit shall not exceed 8.0 lbs/hour and 40.0 lbs/day from operating scenarios #1 & #2.
	OAC rule 3745-21-07(G)(9)(g)	See A.I.2.d.

2. Additional Terms and Conditions

- (a) Emission unit K006 is capable of operating under three different scenarios. The permittee shall employ only one of the following operating scenarios on any one given day:
 - i. operating scenario #1: coating operation when the cure oven, P006, is being employed.
 - ii. operating scenario #2: coating operation when the cure oven, P006, is not being employed.
 - iii. operating scenario #3: coating operation utilizing Dupont Tyzor TPT when the cure oven, P006, is not being employed.
When operating scenario #1 is being employed:
For purposes of calculating the organic compound emission rates for this emissions unit, K006 and the associated oven, emissions unit P006, the permittee shall utilize a value of 80% of the organic compounds employed in this emission unit are emitted from emissions unit K006. The remaining 20% of the organic compounds employed in this emissions unit shall be considered as emissions from the associated oven, emissions unit P006. The emissions split between units K006 and P006 is based upon average coating operation data.
When the operating scenarios #2 and #3 are being employed:
For the purposes of calculating organic compound emission rates for this emissions unit when not employing the cure oven, it is not necessary for the permittee to utilize the 80/20 split described above. In accordance with OAC rule 3745-21-07(G)(9)(g), Best Available Technology (BAT), as established pursuant to OAC rule 3745-31-05(A)(3), for this emissions unit while operating under scenario #3, has been determined to be more stringent than, or inconsistent with, the requirements of OAC rule 3745-21-07(G).

B. Operational Restrictions

1. The organic compound content from the Dupont Tyzor TPT coating used in this emission unit shall not exceed 6.88 pounds OC per gallon.
 2. The maximum annual usage of the Dupont Tyzor TPT coating shall not exceed 1802 gallons/year, based upon a rolling 365-day summation.
- C. Monitoring and/or Record Keeping Requirements**
1. The permittee shall collect and record the following information for each day for this emissions unit when operating scenario #3 is being employed:
 - a. The OC content of Dupont Tyzor TPT as applied, in lbs OC/gallon.
 - b. The total number of gallons of Dupont Tyzor TPT coating employed.
 - c. The total OC emissions of Dupont Tyzor TPT, in pounds per day, i.e., (a) x (b).
 - d. The total number of hours the emissions unit was in operation.
 - e. The average hourly OC emission rate for the Dupont Tyzor TPT coating, i.e., (c)/(d), in pounds per hour (average).
 - f. The rolling, 365-day summation of the Dupont Tyzor TPT coating usage, in gallons.
 2. The permittee shall collect and record the following information for each day for this emissions unit when operating scenario #1 is being employed:
 - a. The company identification for each coating and photochemically reactive cleanup material employed.
 - b. The number of gallons of each coating and photochemically reactive cleanup material employed.
 - c. The OC content of each coating and photochemically reactive cleanup material, in pounds per gallon.
 - d. The total OC emission rate for all photochemically reactive cleanup materials, in pounds per day, i.e., the summation of (b) x (c) for all of the photochemically reactive cleanup materials employed.
 - e. The total potential (prior to applying the booth/oven "split") daily OC emission rate for all coatings, in pounds per day, i.e., the summation of (b) x (c) for all of the coatings employed.
 - f. The total OC emission rate for all coatings multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in condition A.2.b. of this permit), in pounds per day.
 - g. The total OC emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day [i.e., the sum of the figures from items (d) and (f)].
 - h. The total number of hours the emissions unit was in operation.
 - i. The average hourly OC emission rate for the coatings and photochemically reactive cleanup materials, i.e., (g)/(h), in pounds per hour (average).

[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).]
 3. The permittee shall collect and record the following information for each day for the coating operation when operating scenario #2 is being employed:
 - a. The company identification for each coating and photochemically reactive cleanup material employed.
 - b. The number of gallons of each coating and photochemically reactive cleanup material employed.
 - c. The OC content of each coating and photochemically reactive cleanup material, in pounds per gallon.
 - d. The total OC emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day.
 - e. The total number of hours the emissions unit was in operation.
 - f. The average hourly OC emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average).

[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 in accordance with the General Terms and Conditions that identifies the following:
 - a. An identification of each day during which the permittee was operating under scenario #3, when the average hourly OC emissions exceeded 19.1 pounds per hour, and the actual average hourly OC emissions for each such day.
 - b. An identification of each day during which the permittee was operating under scenario #3, when the rolling 365 day limitation of the Dupont Tyzor TPT coating usage, in gallons, exceeded the specified restriction and the actual usage for each such day.

- c. An identification of each day during which the permittee was operating under scenario #1 or #2, when the average hourly OC emissions exceeded 8 pounds per hour, and the actual average hourly OC emissions for each such day.
 - d. An identification of each day during which the permittee was operating under scenario #1 or #2, when the OC emissions exceeded 40 pounds per day, and the actual OC emissions for each such day.
 - e. An identification of each day when the permittee operated under more than one operating scenario.
2. The permittee shall submit annual reports to the Director (the appropriate Ohio EPA District Office or local air agency) for this emissions unit that specify:
 - a. The annual DuPont Tyzor TPT usage, in gallons.
 - a. The total OC emissions, in tons, from each operating scenario #1, #2 and #3.

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

E. Testing Requirements

1. Compliance with the allowable emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:
19.1 lbs/hr OC from operating scenario #3.

Applicable Compliance Method:
Compliance shall be based upon the record keeping specified in Section C.1.
 - b. Emission Limitation:
6.20 TPY OC, as a rolling 365-day summation from operating scenario #3.

Applicable Compliance Method:
Compliance shall be based upon the record keeping specified in Section C.1.
 - c. Emission Limitation:
8.0 lbs/hr OC from operating scenarios #1 and #2.

Applicable Compliance Method:
Compliance shall be based upon the record keeping specified in Sections C.2. and C.3.
 - d. Emission Limitation:
40 lbs/day OC from operating scenarios #1 and #2.

Applicable Compliance Method:
Compliance shall be based upon the record keeping specified in Sections C.2. and C.3.
 - e. Emission Limitation:
7.3 TPY OC from operating scenarios #1 and #2.

Applicable Compliance Method:
Compliance shall be based upon the record keeping specified in Sections C.2. and C.3. and shall be a summation of the 365 daily records, while the permittee was operating under scenarios #1 & #2, and divided by 2000 lbs/ton.
2. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials employed in the emissions unit.

F. Miscellaneous Requirements

1. None