

Facility ID: 1431480257 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: 1431480257 Emissions Unit ID: P021 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>
Iraki ring mill disperser with cover	OAC rule 3745-31-05(A)(3) (PTI 14-04808)	0.8 lb/hr and 3.5 TPY PM/PM10*
		*All PM = PM10
		See term A.2.
	OAC rule 3745-17-07(B)	See term A.2.d.
	OAC rule 3745-17-08(B)	This emissions unit shall employ a cover for control.
	OAC rule 3745-21-07(G)(2)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) On any day that any input material is a photochemically reactive material [as identified in OAC rule 3745-21-01(C)(5)], the OC emissions shall not exceed 4.5 pounds per hour and 25 pounds per day.
 On any day when only nonphotochemically reactive materials are input into this emissions unit [as identified in OAC rule 3745-21-01(C)(5)], the OC emissions shall not exceed 3.6 pounds per hour and 86.4 pounds per day.
 The total annual organic compound emissions from this emissions unit shall not exceed 4.6 tons.
 Visible particulate emissions from this emissions unit shall not exceed 20% opacity as a three-minute average, except as specified by rule.
 The hourly and annual PM/PM10 and OC emissions limits are based on the emissions unit's Potential to Emit (PTE). Therefore, no record keeping, reporting or testing is required to demonstrate compliance with these limits.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. On any day in which any input material is a photochemically reactive material [as identified in OAC rule 3745-21-01(C)(5)], the permittee shall collect and record the following information:
 - a. The company identification of each material employed.
 - b. The number of gallons of each material employed.
 - c. The OC content of each material employed, in pounds per gallon.
 - d. The OC emissions from this emissions unit (as calculated in E.3.), in pounds per day.
2. On any day when only nonphotochemically reactive materials are input into this emissions unit [as identified in OAC rule 3745-21-01(C)(5)], the permittee shall collect and record the following information:
 - a. The company identification of each material employed.
 - b. The number of gallons of each material employed.

- c. The OC content of each material employed, in pounds per gallon.
 - d. The OC emissions from this emissions unit (as calculated in E.3.), in pounds per day.
3. The permittee shall collect and record the total organic compound emissions for all materials (as calculated in E.3), in pounds or tons, for the purpose of determining annual OC emissions.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services of any day in which any input material is a photochemically reactive material [as identified in OAC 3745-21-01(C)(5)] and the total OC emissions exceeded 25 pounds. 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.
2. The permittee shall notify the Hamilton County Department of Environmental Services of any day in which no input material is a photochemically reactive material [as identified in OAC 3745-21-01(C)(5)], and the total OC emissions exceeded 86.4 pounds. 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 also submit annual reports of the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Formulation data or USEPA Method 24 shall be used to determine the OC content of each coating produced.
2. Compliance with the daily OC emissions limits shall be determined by the record keeping requirements in terms C.1. and C.2.
3. Compliance with the daily and annual OC emissions limit shall be demonstrated by the usage records required and calculated using the following methods:

Pounds OC/day = [Summation of the following for each coating produced: (gallons of coating produced/day x OC content of that coating)] x .015 (% fugitive factor, AP-42 Section 6.4).

Tons OC/year = Summation of the Organic Compound Emission Rates for Each Day in pounds / 2000 pounds per ton.
4. Compliance with the annual PM emissions shall be demonstrated using the following methods:

Pounds PM/ PM10 per Hour = pounds of pigment used per hour x .01 (% fugitive factor, AP-42 Section 6.4).

Tons PM/ PM10 per Year = summation of the PM/ PM10 emission rates for each hour of operation in pounds / 2000 pounds per ton.
5. Compliance with the visible particulate emissions limitation shall be demonstrated by the methods outlined in 40 CFR Part 60, Appendix A, Method 9.

F. Miscellaneous Requirements

1. None