

Facility ID: 1431361666 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: 1431361666 Emissions Unit ID: P024 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>
prototype development facility - custom or modified paper products	OAC rule 3745-31-05 (14-4244)	Organic compound (OC) emissions shall not exceed 12.38 tons per year (TPY), as a rolling 12-month summation.
	OAC rule 3745-21-07(G)(2)	See term and condition A.2. below.

### 2. Additional Terms and Conditions

- (a) This emission unit does not employ any photochemically reactive materials as defined in OAC rule 3745-21-01(C)(5). When using only non-photochemically reactive materials, this emission unit is exempt from all emission limitations and control requirements contained in OAC rule 3745-21-07(G). If photochemically reactive materials are employed, then the permittee shall be subject to the requirements of OAC rule 3745-21-07(G)(2). The total organic compound emissions shall not exceed 8 pounds per hour or 40 pounds per day at any time. If any photochemically reactive material is employed, then all organic materials used that day are subject to the 8 pounds per hour and 40 pounds per day emission limitations. Prior to employing any photochemically reactive material in this emissions unit, including any cleanup material that is a photochemically reactive material, the permittee shall provide written notification to the Hamilton County Department of Environmental Services. Such notification shall include information sufficient to determine compliance with the emission limits and/or control requirements specified in OAC rule 3745-21-07(G). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour, and pounds per day.

### B. Operational Restrictions

1. The permittee shall ensure that by January 2007 an alternative compound is used in place of CFC-22 (chlorodifluoromethane) in this emissions unit.

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

1. The permittee shall collect and record the following information each month for this emissions unit:
  - a. the company identification of each liquid organic material employed which emits organic compounds;
  - b. the number of gallons of each liquid organic material employed which emits organic compounds;
  - c. the OC content (in pounds of OC per gallon) of each liquid organic material employed;
  - d. the total organic compound emissions, in tons [summation of (b x c) for all liquid organic materials]; and
  - e. the total organic compound emissions (in tons) on a rolling, 12-month total.
2. The permittee shall collect and record the following information each day any photochemically reactive material is employed in this emissions unit:
  - a. the company identification for each organic material employed;
  - b. documentation on whether or not each organic material is a photochemically reactive material;
  - c. the number of gallons of each organic material employed;

- d. the OC content of each organic material, in pounds per gallon;
- e. the OC emission rate for all organic materials [summation of (c x d) for all organic materials], in pounds per day;
- f. the total number of hours the emissions unit was in operation during the day (this requirement includes only those times of operation in which organic compounds are emitted); and
- g. the total organic compound emission rate for all organic materials, in pounds per hour [e/f].

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
  - a. for each day during which a photochemically reactive material was employed, an identification of each day during which the organic compound emission rate (from any organic material employed) exceeded 8 pounds per hour, and the actual average hourly organic compound emission rate for such day;
  - b. for each day during which a photochemically reactive material was employed, an identification of each day during which the organic compound emission rate (from any organic material employed) exceeded 40 pounds per day, and the actual organic compound emission rate for such day; and
  - c. these reports shall also include the corrective action taken to resolve the problem which caused the excursion (s).

These reports shall be submitted to the Hamilton County Department of Environmental Services on a semi-annual basis by February 15 and August 15 of each calendar year.
2. The permittee shall submit annual reports which specify the total annual VOC 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. Compliance with the OC emission limitation specified in Section A. of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation: 12.38 TPY of OC  
  
Applicable compliance method: Compliance with the annual OC emission limitation shall be determined by the record keeping requirements specified in Section C.1. of this permit.  
Emission Limitation: 8 lbs per hour of OC; 40 lbs per day of OC when using any photochemically reactive material.  
  
Applicable compliance method: Compliance with the hourly and daily OC emission limitations shall be determined by the record keeping requirements in Section C.2. of this permit.
2. Formulation data or U.S. EPA Method 24 shall be used to determine the OC content of any organic material.

**F. Miscellaneous Requirements**

1. None