

Facility ID: 0145020300 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: 0145020300 Emissions Unit ID: K008 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> |
|--|--------------------------------------|--|
| Press #116, 10-color Muller Martini nonheatset web offset printing press | OAC rule 3745-21-07 (G)(9) | see section A.II.1 of the terms and conditions of this permit. |
| | OAC rule 3745-31-05 (A)(3) | 0.05 lb volatile organic compounds (VOC)/hr from inks/varnishes only, 2.20 tons VOC/year, including emissions from cleanup materials |

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. The permittee shall not employ any liquid organic material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall calculate and record the following information each month for this emissions unit:
 - a. the name and identification number of each ink/varnish employed;
 - b. the VOC content of each ink/varnish, in pounds/gallon;
 - c. the number of gallons of each ink/varnish employed;
 - d. the total emissions of VOC from each ink/varnish employed, in pounds; and
 - e. the total emissions of VOC from all inks/varnishes employed, in pounds.
2. The permittee shall calculate and record the following information each month for this emissions unit:
 - a. the name and identification number of each cleanup material employed;
 - b. the VOC content of each cleanup material, in pounds/gallon;
 - c. the number of gallons of each cleanup material employed;
 - d. the total emissions of VOC from each cleanup material employed, in pounds;
 - e. the total emissions of VOC from all cleanup materials employed, in pounds; and
 - f. the total VOC emissions from all coatings and cleanup materials (C.1.e + C.2.e), in pounds.
3. The permittee shall calculate and record the total VOC emissions each year (the annual VOC emissions shall be calculated by summing the monthly VOC emissions from section 2.f for the calendar year), in tons, for this emissions unit.

D. Reporting Requirements

1. The permittee shall submit annual reports that specify the total VOC emissions for the preceding calendar year. Each report shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1 of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation:

0.05 lb VOC/hr from inks/varnishes only

Applicable Compliance Method: Compliance with the hourly VOC emission limitation shall be determined as follows:

a. multiply the maximum ink/varnish usage rate (0.55 gallon/hr) by the maximum VOC content of all inks/varnishes (0.09 lb VOC/gallon of ink/varnish).

This represents the potential to emit (PTE) for this emissions unit. Therefore no monitoring or record keeping is required to show compliance with the lb/hr limit.

Emission Limitation:

2.20 tons VOC/year

Compliance shall be based upon the record keeping requirements specified in section C.2 of this permit.

2. Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the inks/varnishes.

F. Miscellaneous Requirements

1. Pursuant to Engineering Guide #69, modeling to demonstrate compliance with the Ohio EPA's Air Toxic Policy was not necessary since the emissions unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant that has a listed TLV to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.