

Facility ID: 0857093056 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: 0857093056 Emissions Unit ID: K001 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

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>
Thirty-one (31) unit Goss community non-heatset web offset lithographic printing press	OAC rule 3745-31-05 (PTI 08-3846)	8.0 lbs/hour organic compounds, excluding cleanup materials;
		40 lbs/day organic compounds, including cleanup materials;
		7.3 tpy organic compounds, including cleanup materials.
	OAC rule 3745-21-07(G)(2)	Equally as stringent as the BAT-based limitations above.

2. **Additional Terms and Conditions**
 - (a) The 8.0 pounds per hour limit was established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and reporting requirements to ensure compliance with this limit.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records which list the following information for each ink and cleanup material employed in this emissions unit:
 - a. the company identification of each ink and cleanup material employed;
 - b. the number of gallons of each ink and cleanup material employed;
 - c. the organic compound content of each ink and cleanup material, in pounds per gallon;
 - d. the total organic compound emissions from all inks and cleanup materials employed, based on a 5 percent emission rate (see E.1 below), in pounds per month;
 - e. the number of days the emissions unit was in operation; and
 - f. the average daily organic compound emission rate for all inks and cleanup materials, i.e., (C.1.d)/(C.1.e), in pounds per day (average).

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports which include an identification of each month during which the average daily organic compound emission rate from all inks and cleanup materials exceeded 40 pounds per day, and the actual average daily organic compound emission rate for each such day.

These deviation (excursion) reports shall be submitted in accordance with paragraph 3 of the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitation(s) in section A.1 of this permit shall be determined in accordance with the following method(s):
Emission Limitation -
8 pounds/hour organic compounds, excluding cleanup

Applicable Compliance Method -
Compliance may be calculated using worst-case inputs as follows:

$$E = VxCx(1-0.95)$$

where:
E = maximum emissions rate from inks (lbs/hr)
V = maximum hourly ink application rate (6.5 gal/hr)
C = maximum VOC concentration (2.8 lbs/gal)

A web solvent retention of 95 percent (1 - 0.95), from USEPA document "Control of VOC Emissions from Offset Lithographic Printing" (9/93), shall be used when calculating emissions.
Emission Limitation -
40 lbs/day organic compounds, including cleanup

Applicable Compliance Method -
Compliance shall be determined based upon record keeping, as specified in section C.1. A web solvent retention of 95 percent (1 - 0.95), from USEPA document "Control of VOC Emissions from Offset Lithographic Printing" (9/93), shall be used when calculating emissions.
Emission Limitation -
7.3 tpy organic compounds, including cleanup

Applicable Compliance Method -
Compliance shall be determined based upon record keeping, as specified in section C.1. Annual emissions shall be calculated as the sum of the monthly organic compound emissions during the calendar year, divided by 2,000 pounds per ton.
- F. Miscellaneous Requirements**
1. The permittee is hereby notified that this permit and all agency records concerning the operation of this permitted emissions unit are subject to public disclosure in accordance with OAC rule 3745-49-03.