

3. The VOM emissions from the printing/coating/laminating presses (combined) shall not exceed the following limits: 3.5 ton/mo, 20 ton/yr.

The VOM emissions shall be determined from the following equation on a monthly basis:

$$E = \sum (M_i \times C_i) + \sum (W_j \times C_j)$$

Where:

M_i - VOM-containing raw material usage (gal/month);

C_i - VOM content of the raw material (lb/gal);

W_j - waste material shipped off-site (gal/month);

C_j - VOM content of the waste material (lb/gal).

These limits define the potential emissions of the VOM and are based on the maximum actual emissions determined from the maximum production capacity and VOM content of raw materials. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months.

4. The emissions of HAPs as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish by rule which would require the Permittee to obtain a Clean Air Act Permit Program permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a Clean Air Act Permit Program permit from the Illinois EPA.
5. The Permittee shall maintain monthly records of the following items:
 - a. Names and amounts of inks, coatings, clean-up solvents and other VOM containing materials used (tons/mo, tons/yr);
 - b. VOM and HAP content of materials in item (a)(wt %);
 - c. VOM and HAP emission calculations (ton/mo, tons/yr);
6. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA and USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable

of being retrieved and printed on paper during normal source office hours so as to be able to respond to the Illinois EPA request for records during the course of a source inspection.

7. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, a description of the exceedances or violation, and efforts to reduce emissions and future occurrences.
8. The Permittee shall submit the following additional information with the Annual Emission Report, due May 1st of each year: annual ink usage, coating usage, clean up solvent usage, etc., from the prior calendar year. If there have been no exceedances during the previous calendar year the Annual Emission Report shall include a statement to that effect.

It should be noted that this permit has been revised to include operations of six flexographic printing presses without any increase in total VOM emissions above permitted limits. This revision does not relax monitoring, recordkeeping, or reporting requirements contained in federally enforceable conditions of this permit. These permit conditions assure that this source would not be a major source for purpose of CAAPP.

If you have any questions on this, please call Valeriy Brodsky at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:VJB:psj

cc: Illinois EPA, FOS Region 1
Illinois EPA, Compliance Section
Lotus Notes

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emission from the Printing/Laminating Facility operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. This is use of 20.0 tons of volatile organic materials in inks, adhesives, coatings and clean-up solvents per year. The resulting maximum emissions are well below the levels, e.g., 25 tons per year of VOM, 10 tons per year for a single HAP, and 25 tons per year for totaled HAP at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that material is handled, and control measures are more effective than required in this permit.

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