



These limits define the potential of VOM emissions and is based on maximum VOM content and ink and cleanup solvent usage. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus preceding 11 months of data.

3. 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.
4. The Permittee shall maintain records of the following items:
  - a. The name and identification number of each ink and VOM containing cleanup solvent as applied;
  - b. VOM content of each individual ink and VOM containing cleanup solvent;
  - c. Individual and total HAP content of each individual ink and VOM containing cleanup solvent;
  - d. Amount of each individual ink and VOM containing cleanup solvent used;
  - e. Calculations of VOM emissions using the following equation (ton/mo and ton/yr):

$$V_e = \sum_{i=1}^n A_i B_i$$

Where:

$V_e$  = Total VOM emissions from all flexographic lines each month in units of lbs/mo or ton/mo

$n$  = Number of different inks as applied and different VOM containing cleanup solvent used each month on the flexographic lines

$i$  = Subscript denoting an individual ink and VOM containing cleanup solvent

$A_i$  = VOM content of each individual ink and VOM containing cleanup solvent (% weight or lbs/gal)

$B_i$  = Amount of each individual ink and VOM containing cleanup solvent used each month (lbs or gallons)

- vi. Calculations of individual and total HAP emissions using the following equation (ton/mo and ton/yr):

$$H_e = \sum_{i=1}^n C_i D_i$$

Where:

- $H_e$  = HAP emissions from all flexographic lines each month in units of lbs/mo or ton/mo
- $n$  = Number of different inks as applied and VOM containing cleanup solvent each month on the flexographic lines
- $i$  = Subscript denoting an individual ink and VOM containing cleanup solvent
- $C_i$  = HAP content of each individual ink and VOM containing cleanup solvent (% weight or lbs/gal)
- $D_i$  = Amount of each individual ink and VOM containing cleanup solvent used each month (lbs or gallons)
5. 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 or 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 an Illinois EPA or USEPA request for records during the course of a source inspection.
6. 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, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
7. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
Compliance Section (#40)  
P.O. Box 19276  
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
5415 North University  
Peoria, Illinois 61614

8. The Permittee shall submit the following additional information with Annual Emission Report due May 1st of each year: annual ink usage, VOM emissions, and individual and total HAP emissions from the prior calendar year. If there have been exceedances during prior year, the Annual Emissions Report shall include a statement to that effect.

It should be noted that the wastepaper trim system with cyclone and filter are exempt from state permit requirements, pursuant to 35 Ill. Adm. Code 201.146(aa).

It should be noted that the fuel combustion emissions from the two dryers are exempt from state permit requirements, pursuant to 35 Ill. Adm. Code 201.146(fff).

If you have any questions on this, please call Tara T. Nguyen-Ede at 217/782-2113.

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

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cc: Region 2

