

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT -- RENEWAL

PERMITTEE

Bemis Co., Inc.
Attn: Rolla Miller, Jr.
Foot of Sloan Street
Peoria, IL 61603

Application No.: 89040025
Applicant's Designation: 714, 717, 719
Subject: Flexographic Printing Plant
Date Issued:
Location: Foot of Sloan Street, Peoria

I.D. No.: 143065APY
Date Received: November 2, 1994
Expiration Date:

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of a flexographic printing plant pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., volatile organic material (VOM) and hazardous air pollutants (HAPs)). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
- 2. This permit supersedes all operating permits issued for this location.
- 3a. Emissions of volatile organic material (VOM) and operation of all presses combined shall not exceed the following:

| <u>Material</u> | <u>Usages</u> | | <u>VOM Content</u> (wt%) | <u>VOM Emissions</u> | |
|-------------------|---------------|--------------------|-----------------------------|----------------------|-----------------|
| | <u>ton/mo</u> | <u>ton/yr</u> | | <u>(ton/mo)</u> | <u>(ton/yr)</u> |
| Solvent-based | | | | | |
| Overvarnish | 16.5 | 130.0 | 65.0 | 10.7 | 84.5 |
| Other Inks | 30.0 | 360.0 ^a | 3.5 ^b | 1.1 | 12.6 |
| and Overvarnishes | | | | Total | 97.1 |

^a Includes water and other organic compounds excluded from the definition of a VOM.

and efforts to reduce emissions and future occurrences. This report should be sent to:

Illinois Environmental Protection Agency
Bureau of Air
Compliance Unit (#39)
P. O. Box 19276
Springfield, Illinois 62794-9276

9. 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

10. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: detailed calculations of VOM and HAP emissions i.e., usage of each individual over-varnish and inks multiplied by their corresponding VOM and HAP content.

It should be noted that the fuel combustion emissions from the 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

DES:TNE:psj

cc: IEPA, FOS Region 2
IEPA, Compliance Unit
Lotus Notes

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emissions from the flexographic printing plant 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. The resulting maximum emissions are well below the levels, e.g., 100 tons per year of VOM 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 less material is handled, and control measures are more effective than required in this permit.

- 1a. Emissions of VOM and operation of all presses combined shall not exceed the following limits:

| <u>Material</u> | <u>Usages</u> | | <u>VOM Content</u> (wt%) | <u>VOM Emissions</u> | |
|-------------------|---------------|--------------------|-----------------------------|----------------------|-----------------|
| | <u>ton/mo</u> | <u>ton/yr</u> | | <u>(ton/mo)</u> | <u>(ton/yr)</u> |
| Solvent-based | | | | | |
| Overvarnish | 16.5 | 130.0 | 65.0 | 10.7 | 84.5 |
| Other Inks | 30.0 | 360.0 ^a | 3.5 ^b | 1.1 | <u>12.6</u> |
| and Overvarnishes | | | | Total | 97.1 |

^a Includes water and other organic compounds excluded from the definition of a VOM.

^b Annual average. On a water included basis, including other organic compounds exempted from the definition of a VOM.

- b. Usage of inks containing no VOM is not included in the limit in Condition 1a.
- c. Cleanup solvent shall contain no VOM other than that accounted for in overvarnish usage.
- d. These limits define the potential emissions of GVOM and are based on maximum material usage and VOM content. Compliance with annual limits shall be determined from a running total of 12 months of data.
2. The emissions of Hazardous Air Pollutants (HAP) as listed in Section 112(b) of the Clean Air Act shall be less than 10 tons/year of any single HAP and 25 tons/year of any combination of such HAPs. As a result of this condition, this permit is issued based on the emissions of all HAPs from this source not triggering the requirements to obtain a Clean Air Act Permit Program Permit (CAAPP), and Section 112(G) of the Clean Air Act.