

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT

PERMITTEE

Countryside Graphics, Inc.  
Attn: Lester Graf  
1110 Morse Avenue  
Schaumburg, Illinois 60193

Application No.: 96040126

I.D. No.: 031489AAB

Applicant's Designation: PRESSROOM

Date Received: September 9, 1996

Subject: Printing Facility

Date Issued:

Expiration Date:

Location: 1110 Morse Avenue, Schaumburg

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of two coldset lithographic printing lines 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., 25 tons/year for volatile organic material (VOM), 10 tons/year for a single hazardous air pollutant (HAP) and 25 tons/year for totaled HAP). 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 is issued based upon the plant being exempt from the requirements of 35 Ill. Adm. Code Part 218, Subpart H: Printing and Publishing. This is consequence of the daily emission rate of VOM does not exceed an applicability threshold of 100 lb/day established by Section 218.405.
- 3a. Usage of raw materials and VOM emissions shall not exceed the following limits:

<u>Material</u>	<u>Usage</u>		<u>VOM Content</u>	<u>VOM Emissions</u>	
	<u>(Lb/Mo)</u>	<u>(Ton/Yr)</u>	<u>(Wt. %)</u>	<u>(Lb/Mo)</u>	<u>(T/Yr)</u>
Inks	1,900	11.4	33	31.4	0.19
Coatings	1,800	18.8	21	378	2.27
Fountain Solution	120	0.72	10	12.0	0.07
All Solvents	2,400	14.40	100	2400	14.40

- b. 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.
  - c. These limits define the potential emissions of the VOM and HAPs and are based on the actual emissions determined from maximum production capacity and standard emission factors.
  - d. 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 Permittee shall maintain monthly records of the following items:
- a. Name and amount of inks used (lb/month);
  - b. Name and amount of coatings used (lb/month);
  - c. Name and amount of fountain solution used (lb/month);
  - d. Name and amount of all solvents used (lb/month);
  - e. Name and amount of other VOM containing materials used (lb/month);
  - f. VOM and HAP content in items (a) through (e) (wt. %); and
  - g. The number of days during that calendar month that printing lines were in operation.
5. The Permittee shall perform monthly VOM emission calculation to demonstrate an exemption level of the daily VOM emissions pursuant to the procedures of Section 218.411(a)(1)(B).

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 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.
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, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
8. 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  
Eisenhower Tower  
1701 South First Avenue  
Maywood, Illinois 60153

9. In the event that the operation of this source results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the nuisance.
10. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: name and amount of inks and solvents used (tons/year) and their VOM and HAP content (wt. %) from the prior calendar year. If there have been no exceedance during the prior year, the Annual Emission Report shall include a statement to that effect.

Page 4

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

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

DES:JPB:psj

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

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the Printing 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. 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 less material is handled, and control measures are more effective than required in this permit.

1. Emissions of VOM from the printing operations:

<u>Material</u>	<u>Usage</u>		<u>VOM Content</u> (Wt. %)	<u>VOM Emissions</u>	
	(Lb/Mo)	(Ton/Yr)		(Lb/Mo)	(T/Yr)
Inks	1,900	11.4	33	31.4	0.19
Coatings	1,800	10.8	21	378	2.27
Fountain Solution	120	0.72	10	12.0	0.07
All Solvents	2,400	14.40	100	2400	14.40

This table defines the potential emissions of the volatile organic material (VOM) from the printing operations and is based on the actual emissions determined from maximum production rate and 95% retention factor for ink application.

2. As a consequence of the requirements of this permit, the emissions of hazardous air pollutants (HAP) as listed in Section 112(b) of the Clean Air Act from this source will be less than 10 tons/year of any single HAP and 25 tons/year of any combination of such HAPs so that HAP emissions do not trigger the requirements to obtain a Clean Air Act Permit Program permit from the Illinois EPA.

JPB:psj