

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT -- REVISED

PERMITTEE

Deluxe Financial Services, Des Plaines  
Attn: Cheryl Thompson  
1600 East Touhy Avenue  
Des Plaines, Illinois 60018

Application No.: 93020005                      I.D. No.: 031063AFT  
Applicant's Designation: PLANT#0251              Date Received: March 26, 2007  
Subject: Tinters, Plate Setters, and Presses  
Date Issued: April 30, 2007              Expiration Date: September 9, 2010  
Location: 1600 East Touhy Avenue, Des Plaines, Cook County, 60018

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of 42 non-heatset web lithographic presses, 37 sheetfed non-heatset lithographic presses, 3 flexographic printing presses, 9 paper tinting units, 8 paper plate-making units, UV lithographic web press, and 2 gas-fired boilers pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

1. This federally enforceable state operating permit is issued:
  - a. To limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 100 tons/year for volatile organic material (VOM)). 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. This federally enforceable permit is issued to limit potential flexographic printing emissions of VOM to less than 25 tons/year, therefore, the flexographic presses are not subject to the requirements of 35 Ill. Adm. Code Section 218.401 pursuant to 218.402(a).
  - c. To limit the emissions of VOM from the source to less than 25 tons/year. As a result, the source is excluded from the requirements of 35 Ill. Adm. Code Part 205, Emission Reduction Market System. The maximum emissions of this source, as limited by the conditions of this permit are described in Attachment A.
  - d. Prior to initial issuance, a draft of this permit has undergone a public notice and comment period.
  - e. This permit supersedes all operating permits issued for this location.

2. This permit is issued based on the potential to emit for hazardous air pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act of the source being less than 10 tons per year of any single HAP and 25 tons per year of any combination of such HAPs. As a result, this permit is issued based on the construction of the two non-heatset web lithographic presses not triggering the requirements of Section 112(g) of the Clean Air Act.
- 3a. Pursuant to 35 Ill. Adm. Code 218.301, no person shall cause or allow the discharge of more than 3.6 kg/hour (8 lbs/hour) of organic material into the atmosphere from any emission unit, except as provided in 35 Ill. Adm. Code 218.302, 218.303, 218.304 and the following exception: If no odor nuisance exists the limitation of 35 Ill. Adm. Code 218 Subpart G shall apply only to photochemically reactive material.
- b. Pursuant to 35 Ill. Adm. Code 218.407(a)(3), no owner or operator of lithographic printing line(s) subject to the requirements of 35 Ill. Adm. Code 218 Subpart H shall:
  - i. Cause or allow the operation of any non-heatset web offset lithographic printing line unless the VOM content of the as-applied fountain solution is 5 percent or less, by volume, and the as-applied fountain solution contains no alcohol;
  - ii. Cause or allow the operation of any sheet-fed offset lithographic printing line unless:
    - A. The VOM content of the as-applied fountain solution is 5 percent or less, by volume; or
    - B. The VOM content of the as-applied fountain solution is 8.5 percent or less, by volume, and the temperature of the fountain solution is maintained below 15.6°C (60°F), measured at the reservoir or the fountain tray.
  - iii. Cause or allow the use of a cleaning solution on any lithographic printing line unless:
    - A. The VOM content of the as-used cleaning solution is less than or equal to 30 percent, by weight; or
    - B. The VOM composite partial vapor pressure of the as-used cleaning solution is less than 10 mmHg at 20°C (68°F).
  - iv. Cause or allow VOM containing cleaning materials, including used cleaning towels, associated with any lithographic printing line to be kept, stored or disposed of in any manner other than in closed containers.
4. 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.

- 5a. Emissions of volatile organic material, VOM, and operation of the 42 non-heatset web offset lithographic presses including the two new presses and UV lithographic web press shall not exceed the following limits:

<u>Material</u>	<u>VOM Usage</u>		<u>VOM Emissions</u>	
	<u>(Tons/Month)</u>	<u>(Tons/Year)</u>	<u>(Lbs/Month)</u>	<u>(Tons/Year)</u>
Ink	2.16	14.4	220	0.72
Fountain Solution	0.27	1.8	540	1.80
Clean-Up Solvent	2.888	19.3	2,888	9.65
			Total:	12.17

These limits define the potential emissions of VOM and are based on maximum material usage, VOM content for each individual ink, fountain solution and solvent, 95 percent ink retention, and 50 percent retention of the clean up solvents in rags stored in closed containers that are sent off site if vapor pressure is less than 10 mmHg at 68°F.

- b. Emissions of volatile organic material, VOM, and operation of the 37 sheetfed non-heatset lithographic presses shall not exceed the following limits:

<u>Material</u>	<u>VOM Usage</u>		<u>VOM Emissions</u>	
	<u>(Lbs/Month)</u>	<u>(Lbs/Year)</u>	<u>(Lbs/Month)</u>	<u>(Tons/Year)</u>
Non-Heatset Ink	1,392	9,280	69.6	0.232
Fountain Solution	199	1,322	198.3	0.661
Clean-Up Solvent	1,381	9,204	691.0	2.301
Minus Waste Shipped Off-Site	(129.6)	(1,086)	(129.6)	(0.543)
		Total:	829.3	2.651

These limits define the potential emissions of VOM and are based on maximum material usage, VOM content for each individual ink, fountain solution and solvent, and material balance. A credit of 50% VOM retention may be used if cleaning solvents have vapor pressure less than 10 mmHg at 68°F and used cleaning towels are stored in closed containers and sent off-site. Emission reduction credit is given to approximately 27% of the high VOM clean up solvent which remains as liquid hazardous waste (6 lbs VOM/gallon) and is shipped off site for disposal.

- c. Emissions of volatile organic material, VOM, and operation of the 3 flexographic presses shall not exceed the following limits:

<u>Material</u>	<u>VOM Usage</u>		<u>VOM Emissions</u>	
	<u>(Tons/Month)</u>	<u>(Tons/Year)</u>	<u>(Lbs/Month)</u>	<u>(Tons/Year)</u>
Ink	0.29	1.92	580	1.92
Clean Up-Solvent	0.045	0.30	90	0.30
		Total	670	2.22

These limits define the potential emissions of VOM and are based on maximum material usage and VOM content for each individual ink and solvent.

- d. Emissions of volatile organic material, VOM, and operation of the 7 paper tinting units shall not exceed the following limits:

<u>Material</u>	<u>VOM Usage</u>		<u>VOM Emissions</u>	
	<u>(Tons/Month)</u>	<u>(Tons/Year)</u>	<u>(Lbs/Month)</u>	<u>(Tons/Year)</u>
Ink	0.4	2.64	789	2.63
Clean Up-Solvent	0.03	0.11	<u>50</u>	<u>0.11</u>
		Total	839	2.74

These limits define the potential emissions of VOM and are based on maximum material usage and VOM content for each individual ink and solvent.

- e. Emissions of volatile organic material, VOM, and operation of the 8 paper plate-making units shall not exceed the following limits:

<u>Material</u>	<u>Usage</u>		<u>VOM Emissions</u>	
	<u>(Gallons/Month)</u>	<u>(Gallons/Year)</u>	<u>(Lbs/Month)</u>	<u>(Tons/Year)</u>
Toner	306	3,060	900	4.5

These limits define the potential emissions of VOM and are based on maximum material usage and maximum VOM content. Emission reduction credit is given to approximately 56% of the toner which remains as liquid hazardous waste (6 lbs VOM/gallon) and is shipped off site for disposal.

- f. Emissions from and operation of the 2 gas fired boilers (12.554 and 10.461 mmBtu/hour) shall not exceed the following limits:

<u>Total Max. Firing Rate (mmBtu/Hour)</u>	<u>Pollutant</u>	<u>Emission Factor (Lbs/mmBtu)</u>	<u>Emissions</u>	
			<u>(Tons/Month)</u>	<u>(Tons/Year)</u>
23	NO <sub>x</sub>	0.098	1.0	9.9
	CO	0.082	0.83	8.3
	PM	0.0075	0.08	0.8
	VOM	0.0054	0.06	0.6
	SO <sub>2</sub>	0.0006	0.006	0.06

These limits define the maximum emissions of NO<sub>x</sub>, CO, PM, SO<sub>2</sub>, and VOM and are based on standard AP-42 emission factors and continuous operation (8,760 hours/year).

- g. Compliance with the annual limits of this permit shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).
- 6a. Pursuant to 35 Ill. Adm. Code 218.409(a), testing to demonstrate compliance with the requirements of 35 Ill. Adm. Code 218.407 shall be conducted by the owner or operator within 90 days after a request by the Illinois EPA. Such testing shall be conducted at the owner or operator and the owner or operator shall notify the Illinois EPA in writing 30 days in advance of conducting such testing to allow the Illinois EPA to be present during such testing.
- b. Pursuant to 35 Ill. Adm. Code 218.409(c), testing to demonstrate compliance with the VOM content limitations in 35 Ill. Adm. Code 218.407(a)(1)(A), (a)(2), (a)(3) and (a)(4)(A), and to determine the VOM content of fountain solutions, fountain solution additives, cleaning solvents, cleaning solutions, and inks (pursuant to the requirements of 35 Ill. Adm. Code 218.411(a)(1)(B)), shall be conducted upon request of the Illinois EPA, as follows:
  - i. The applicable test methods and procedures specified in 35 Ill. Adm. Code 218.105(a) shall be used; provided, however, Method 24, shall be used to demonstrated compliance; or
  - ii. The manufacturer's specifications for VOM content for fountain solution additives, cleaning solvents, and inks may be used if such manufacturer's specifications are based on results of tests of the VOM content conducted in accordance with methods specified in 35 Ill. Adm. Code 218.105(a); provided, however, Method 24 shall be used to determined compliance.
- c. Pursuant to 35 Ill. Adm. Code 218.409(e), testing to determine the VOM composite partial vapor pressure of cleaning solvents, cleaning solvent concentrates, and as-used cleaning solutions shall be conducted in accordance with the applicable methods and procedures specified in 35 Ill. Adm. Code 218.110.
- 7a. Pursuant to 35 Ill. Adm. Code 218.410(a)(1), the owner or operator of any lithographic printing line(s) relying on the temperature of the fountain solution to demonstrate compliance shall install, maintain, and continuously operate a temperature monitor of the fountain solution in the reservoir or fountain tray, as applicable.
- b. Pursuant to 35 Ill. Adm. Code 218.410(a)(2), the temperature monitor must be capable of reading with an accuracy of 1°C or 2°C, and must be attached to an automatic, continuous recording device such as a strip chart, recorder, or computer, with at least the same accuracy, that is installed, calibrated and maintained in accordance with the manufacturer's specifications. If the automatic, continuous recording device malfunctions, the owner or operator shall record the temperature of the fountain solution at least once every two operating hours. The

automatic, continuous recording device shall be repaired or replaced as soon as practicable.

- c. Pursuant to 35 Ill. Adm. Code 218.410(b), the owner or operator of any lithographic printing line(s) subject to 35 Ill. Adm. Code 218.407(a)(1)(A), (a)(2) or (a)(3) shall:
  - i. For a fountain solution to which VOM is not added automatically:
    - A. Maintain records of the VOM content of the fountain solution in accordance with 35 Ill. Adm. Code 218.411(c)(2)(C); or
    - B. Take a sample of the as-applied fountain solution from the fountain tray or reservoir, as applicable, each time a fresh batch of fountain solution is prepared or each time VOM is added to an existing batch of fountain solution in the fountain tray or reservoir, and shall determine compliance with the VOM content limitation of the as-applied fountain solution by using one of the following options:
      - 1. With a refractometer or hydrometer with a visual, analog, or digital readout and with an accuracy of 0.5 percent. The refractometer or hydrometer must be calibrated with a standard solution for the type of VOM used in the fountain solution, in accordance with manufacturer's specifications, against measurements performed to determine compliance. The refractometer or hydrometer must be corrected for temperature at least once per 8-hour shift or once per batch of fountain solution prepared or modified, whichever is longer; or
      - 2. With a conductivity meter if it is demonstrated that a refractometer and hydrometer cannot distinguish between compliant and noncompliant fountain solution for the type and amount of VOM in the fountain solution. A source may use a conductivity meter if it demonstrates that both hydrometers and refractometers fail to provide significantly different measurements for standard solutions containing 95 percent, 100 percent and 105 percent of the applicable VOM content limit. The conductivity meter reading for the fountain solution must be referenced to the conductivity of the incoming water. A standard solution shall be used to calibrate the conductivity meter for the type of VOM used in the fountain solution, in accordance with manufacturer's specifications.

- ii. For fountain solutions to which VOM is added at the source with automatic feed equipment, determine the VOM content of the as-applied fountain solution based on the setting of the automatic feed equipment which makes additions of VOM up to a pre-set level. Records must be retained of the VOM content of the fountain solution in accordance with 35 Ill. Adm. Code 218.411(c)(2)(D). The equipment used to make automatic additions must be installed, calibrated, operated and maintained in accordance with manufacturer's specifications.
- d. Pursuant to 35 Ill. Adm. Code 218.410(e)(1), the owner or operator of any lithographic printing line relying on the VOM content of the cleaning solution to comply with 35 Ill. Adm. Code 218.407(a)(4)(A) must:
  - i. For cleaning solutions that are prepared at the source with equipment that automatically mixes cleaning solvent and water (or other non-VOM):
    - A. Install, operate, maintain, and calibrate the automatic feed equipment in accordance with manufacturer's specifications to regulate the volume of each of the cleaning solvent and water (or other non-VOM), as mixed; and
    - B. Pre-set the automatic feed equipment so that the consumption rates of the cleaning solvent and water (or other non-VOM), as applied, comply with 35 Ill. Adm. Code 218.407(a)(4)(A).
  - ii. For cleaning solutions that are not prepared at the source with automatic feed equipment, keep records of the usage of cleaning solvent and water (or other non-VOM) as set forth in 35 Ill. Adm. Code 218.411(d)(2).
- e. Pursuant to 35 Ill. Adm. Code 218.410(e)(2), the owner or operator of any lithographic printing line relying on the vapor pressure of the cleaning solution to comply with 35 Ill. Adm. Code 218.407(a)(4)(B) must keep records for such cleaning solutions used on any such line(s) as set forth in 35 Ill. Adm. Code 218.411(d)(2)(C).
- 8a. Pursuant to 35 Ill. Adm. Code 218.411(c)(2), an owner or operator of a lithographic printing line subject to 35 Ill. Adm. Code 218.407(a)(1)(A), (a)(2), or (a)(3), shall collect and record the following information for each fountain solution:
  - i. The name and identification of each batch of fountain solution prepared for use on one or more lithographic printing lines, the lithographic printing line(s) or centralized reservoir using such batch of fountain solution, and the applicable VOM content limitation for the batch;

- ii. If an owner or operator uses a hydrometer, refractometer, or conductivity meter, pursuant to 35 Ill. Adm. Code 218.410(b)(1)(B), to demonstrate compliance with applicable VOM content limit in 35 Ill. Adm. Code 218.407(a)(1)(A), (a)(2), or (a)(3):
  - A. The date and time of preparation, and each subsequent modification, of the batch;
  - B. The results of each measurement taken in accordance with 35 Ill. Adm. Code 218.410(b);
  - C. Documentation of the periodic calibration of the meter in accordance with the manufacturer's specifications, including date and time of calibration, personnel conducting, identity of standard solution, and resultant reading; and
  - D. Documentation of the periodic temperature adjustment of the meter, including date and time of adjustment, personnel conducting and results.
- iii. If the VOM content of the fountain solution is determined pursuant to 35 Ill. Adm. Code 218.410(b)(1)(A), for each batch of as-applied fountain solution:
  - A. Date and time of preparation and each subsequent modification of the batch;
  - B. Volume and VOM content of each component used in, or subsequently added to, the fountain solution batch;
  - C. Calculated VOM content of the as-applied fountain solution; and
  - D. Any other information necessary to demonstrate compliance with the applicable VOM content limits in 35 Ill. Adm. Code 218.407(a)(1)(A), (a)(2) and (a)(3).
- iv. If the VOM content of the fountain solution is determined pursuant to 35 Ill. Adm. Code 218.410(b)(2), for each setting:
  - A. VOM content limits corresponding to each setting;
  - B. Date and time of initial setting and each subsequent setting;
  - C. Documentation of the periodic calibration of the automatic feed equipment in accordance with the manufacturer's specifications; and

- D. Any other information necessary to demonstrate compliance with the applicable VOM content limits in 35 Ill. Adm. Code 218.407(a)(1)(A), (a)(2) and (a)(3).
- v. If the owner or operator relies on the temperature of the fountain solution to comply with the requirements in 35 Ill. Adm. Code 218.407(a)(1)(A)(ii) or (a)(3)(B):
  - A. The temperature of the fountain solution at each printing line, as monitored in accordance with 35 Ill. Adm. Code 218.410(a); and
  - B. A maintenance log for the temperature monitoring devices and automatic, continuous temperature recorders detailing all routine and non-routine maintenance performed, including dates and duration of any outages.
- b. Pursuant to 35 Ill. Adm. Code 218.411(d)(2), for lithographic printing line cleaning operations, an owner or operator of a lithographic printing line subject to the requirements of 35 Ill. Adm. Code 218.407 shall collect and record the following information for each cleaning solution used on each lithographic printing line:
  - i. For each cleaning solution for which the owner or operator relies on the VOM content to demonstrate compliance with 35 Ill. Adm. Code 218.407(a)(4)(A) and which is prepared at the source with automatic equipment:
    - A. The name and identification of each cleaning solution;
    - B. The VOM content of each cleaning solvent in the cleaning solution, as determined in accordance with 35 Ill. Adm. Code 218.409(c);
    - C. Each change to the setting of the automatic equipment, with date, time, description of changes in the cleaning solution constituents (e.g., cleaning solvents), and a description of changes to the proportion of cleaning solvent and water (or other non-VOM);
    - D. The proportion of each cleaning solvent and water (or other non-VOM) used to prepare the as-used cleaning solution;
    - E. The VOM content of the as-used cleaning solution, with supporting calculations; and
    - F. A calibration log for the automatic equipment, detailing periodic checks.
  - ii. For each batch of cleaning solution for which the owner or operator relies on the VOM content to demonstrate compliance with

35 Ill. Adm. Code 218.407(a)(4)(A), and which is not prepared at the source with automatic equipment:

- A. The name and identification of each cleaning solution;
  - B. Date and time of preparation, and each subsequent modification, of the batch;
  - C. The VOM content of each cleaning solvent in the cleaning solution, as determined in accordance with 35 Ill. Adm. Code 218.409(c);
  - D. The total amount of each cleaning solvent and water (or other non-VOM) used to prepared the as-used cleaning solution; and
  - E. The VOM content of the as-used cleaning solution, with supporting calculations.
- iii. For each batch of cleaning solution for which the owner or operator relies on the vapor pressure of the cleaning solution to demonstrate compliance with 35 Ill. Adm. Code 218.407(a)(4)(B):
- A. The name and identification of each cleaning solution;
  - B. Date and time of preparation, and each subsequent modification, of the batch;
  - C. The molecular weight, density, and VOM composite partial vapor pressure of each cleaning solvent, as determined in accordance with 35 Ill. Adm. Code 218.409(e);
  - D. The total amount of each cleaning solvent used to prepare the as-used cleaning solution; and
  - E. The VOM composite partial vapor pressure of each as-used cleaning solution, as determined in accordance with 35 Ill. Adm. Code 218.409(e).
- iv. The date, time and duration of scheduled inspections performed to confirm the proper use of closed containers to control VOM emissions, and any instances of improper use of closed contains, with descriptions of actual practice and corrective action taken, if any.
- c. Pursuant to 40 CFR 63.10(b)(3), if an owner or operator determines that his or her stationary source that emits (or has the potential to emit, without considering controls) one or more hazardous air pollutants regulated by any standard established pursuant to section 112(d) or (f) of the Clean Air Act, and that stationary source is in the source category regulated by the relevant standard, but that source is not subject to the relevant standard (or other requirement established

under 40 CFR Part 63) because of limitations on the source's potential to emit or an exclusion, the owner or operator must keep a record of the applicability determination on site at the source for a period of 5 years after the determination, or until the source changes its operations to become an affected source, whichever comes first. The record of the applicability determination must be signed by the person making the determination and include an analysis (or other information) that demonstrates why the owner or operator believes the source is unaffected (e.g., because the source is an area source). The analysis (or other information) must be sufficiently detailed to allow the USEPA and/or Illinois EPA to make a finding about the source's applicability status with regard to the relevant standard or other requirement. If relevant, the analysis must be performed in accordance with requirements established in relevant subparts of 40 CFR Part 63 for this purpose for particular categories of stationary sources. If relevant, the analysis should be performed in accordance with USEPA guidance materials published to assist sources in making applicability determinations under Section 112 of the Clean Air Act, if any. The requirements to determine applicability of a standard under 40 CFR 63.1(b)(3) and to record the results of that determination under 40 CFR 63.10(b)(3) shall not by themselves create an obligation for the owner or operator to obtain a Title V permit.

- d. The Permittee shall maintain records of the following items so as to demonstrate compliance with the conditions of this permit:
  - i. Amount of each ink, fountain solution, and cleaning solvent used in the imprinting operation (tons/month and tons/year);
  - ii. VOM and HAP content of each ink, fountain solution, and cleaning solvent used (lbs VOM/gallon or percent weight); and
  - iii. Monthly and annual VOM and HAP emissions (tons/month, tons/year), with supporting calculations.
9. 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.
- 10a. If there is an exceedance of or deviation from 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/deviation. 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 deviation and efforts to reduce emissions and future occurrences.

- b. Pursuant to 35 Ill. Adm. Code 218.411(c)(3) and (c)(4), an owner or operator of a lithographic printing line subject to 35 Ill. Adm. Code 218.407(a)(1)(A), (a)(2), or (a)(3), shall:
    - i. Notify the Illinois EPA in writing of any violation of 35 Ill. Adm. Code 218.407 within 30 days after the occurrence of such violation. Such notification shall include a copy of all records of such violation; and
    - ii. If changing its method of demonstrating compliance with the applicable VOM content limitations in 35 Ill. Adm. Code 218.407, or changing the method of demonstrating compliance with the VOM content limitations for fountain solutions pursuant to 35 Ill. Adm. Code 218.409, certify compliance for such new method(s) in accordance with 35 Ill. Adm. Code 218.411(c)(1) within 30 days after making such change, and perform all tests and calculations necessary to demonstrate that such printing line(s) will be in compliance with the applicable requirements of 35 Ill. Adm. Code 218.407.
  - c. Pursuant to 35 Ill. Adm. Code 218.411(d)(3) and (d)(4), for lithographic printing line cleaning operations, an owner or operator of a lithographic printing line subject to the requirements of 35 Ill. Adm. Code 218.407 shall:
    - i. Notify the Illinois EPA in writing of any violation of 35 Ill. Adm. Code 218.407 within 30 days after the occurrence of such violation. Such notification shall include a copy of all records of such violation; and
    - ii. If changing its method of demonstrating compliance with the requirements of 35 Ill. Adm. Code 218.407(a)(4), or changing between automatic and manual methods of preparing cleaning solutions, certify compliance for such new method in accordance with 35 Ill. Adm. Code 218.411(d)(1), within 30 days after making such change, and perform all tests and calculations necessary to demonstrate that such printing line(s) will be in compliance with the applicable requirements of 35 Ill. Adm. Code 218.407(a)(4).
11. Two (2) copies of required reports and notifications 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:

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Illinois Environmental Protection Agency  
Division of Air Pollution Control  
9511 West Harrison  
Des Plaines, Illinois 60016

Please note this permit has been revised to incorporate Construction Permit #07020056.

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

Edwin C. Bakowski, P.E.  
Acting Manager, Permit Section  
Division of Air Pollution Control

ECB:JRS:psj

cc: Illinois EPA, FOS Region 1  
Lotus Notes

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the commercial 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 below the levels, e.g., 100 tons/year for volatile organic material (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.

<u>Equipment</u>	<u>VOM</u> <u>(Tons/Yr)</u>	<u>HAPs</u>		<u>NO<sub>x</sub></u> <u>(Tons/Yr)</u>	<u>CO</u> <u>(Tons/Yr)</u>	<u>PM</u> <u>(Tons/Yr)</u>
		<u>Combined</u> <u>(Tons/Yr)</u>	<u>Single</u> <u>(Tons/Yr)</u>			
42 Web Presses	12.17					
37 Sheetfed Presses	2.65					
3 Flexographic Presses	2.22					
9 Tinting Units	2.74					
8 Plate-Makers	4.50					
2 Boilers	<u>0.60</u>	<u>      </u>	<u>      </u>	<u>9.9</u>	<u>8.3</u>	<u>0.8</u>
Totals:	24.90	< 25	< 10	9.9	8.3	0.8

JRS:psj