

217/782-2113

"REVISED"
FEDERALLY ENFORCEABLE STATE OPERATING PERMIT

PERMITTEE

Packaging Corporation of Illinois
D/B/A Acorn Corrugated Box Company
Attn: Leo Karris
5133 West 65th Street
Bedford Park, Illinois 60638

<u>Application No.:</u> 73040842	<u>I.D. No.:</u> 031012ACA
<u>Applicant's Designation:</u> 3RDCS	<u>Date Received:</u> January 26, 2004
<u>Subject:</u> Printing Operation	
<u>Date Issued:</u>	<u>Expiration Date:</u> March 19, 2009
<u>Location:</u> 5133 West 65th Street, Bedford Park	

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of:

7 Flexographic Printers/Rotary Die Cutters
3 Flexographic Printers/Slotters
Starch Maker with Baghouse
Starch Cooker

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) to less than 25 tons per year, etc.). 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. Emissions and operation of all flexographic printing shall not exceed the following limits:

<u>Material</u>	<u>VOM Usage</u>		<u>VOM Emissions</u>	
	<u>(Lb/Mo)</u>	<u>(Tons/Yr)</u>	<u>(Lb/Mo)</u>	<u>(Tons/Yr)</u>
Printing Inks	3,850	19.5	3,850	19.5

These limits are based on material VOM usage = material usage x material VOM content, complete volatilization of the VOM content, and the information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

3. This permit is issued based on negligible emissions of particulate matter (TSP) from the starch maker with baghouse, starch cooker, and each printer. For this purpose emissions from each emission source, shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/yr.
4. This permit is issued based on the fact that the Permittee shall not use any clean-up solvents or thinners that contain hazardous air pollutants (HAPs) or volatile organic material (VOM). The Permittee shall revise this operating permit to reflect the additional emissions from the solvents prior to using any solvents containing a VOM or HAP.
5. The Permittee shall maintain the following records:
 - a. Name, usage (lb/month and lb/year), VOM and HAP content (% wt. or lb/gallon), and VOM and HAP emissions (lb/month and tons/year) of the following:
 - i. Printing Inks;
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 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 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
9511 West Harrison
Des Plaines, Illinois 60016

9. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: Printing ink used (tons/month and tons/year).

It should also be noted that 4 folder/glueers and one printer slotter has been removed and replaced with 3 flexographic printers/rotary die cutters.

If you have any questions on this permit, please contact Eric Jones at 217/782-2113.

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

DES:EEJ:psj

cc: Region 1

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the printing operation 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 handling 19.5 tons/year of volatile organic material (VOM). The resulting maximum emissions are well below the levels, e.g., 25 tons/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.

<u>VOM</u> <u>(Tons/Year)</u>	<u>PM</u> <u>(Tons/Year)</u>
19.5	1.4

RBS:psj