

217/782-2113

TITLE V - CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT
and
TITLE I PERMIT¹

PERMITTEE

Field Container Company, L.P.
Attn: Kimberly Peterson, Environmental Compliance
1500 Nicholas Boulevard
Elk Grove Village, Illinois 60007

<u>Application No.:</u> 95090115	<u>I.D. No.:</u> 031440AJZ
<u>Applicant's Designation:</u>	<u>Date Received:</u> September 8, 1995
<u>Operation of:</u> Sheetfed Lithographic Printing for Folding Cartons	
<u>Date Issued:</u> June 22, 1999	<u>Expiration Date</u> ² : June 22, 2004
<u>Source Location:</u> 1500 Nicholas Boulevard, Elk Grove Village, Cook County	
<u>Responsible Officials:</u> Ron Trojan, Plant Manager, Westfield Division Dennis Trojan, Plant Manager, Elk Grove Division	

This permit is hereby granted to the above-designated Permittee to operate a Sheetfed Lithographic Printing for folding cartons plant, pursuant to the above referenced permit application. This permit is subject to the conditions contained herein.

Revision Date Received: October 12, 2001
Revision Date Issued: November 1, 2001
Purpose of Revision: Administrative Amendment

This administrative amendment includes a change in phone number and environmental contact person. Three guidance documents that are not attached to all CAAPP permits have been added. Because the changes in the permit were only administrative, no formal public notice was issued.

This document only contains those portions of the entire CAAPP permit that have been revised as a result of this permitting action. If a conflict exists between this document and previous versions of the CAAPP permit, this document supersedes those terms and conditions of the permit for which the conflict exists. The previous permit issued June 22, 1999 is incorporated herein by reference.

Please attach a copy of this amendment and the following revised pages to the front of the most recently issued entire permit.

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If you have any questions concerning this permit, please contact Dan Punzak at 217/782-2113.

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

DES:DGP:psj

cc: Illinois EPA, FOS, Region 1
USEPA

¹ This permit may contain terms and conditions which address the applicability, and compliance if determined applicable, of Title I of the CAA and regulations promulgated thereunder, including 40 CFR 52.21 - federal PSD and 35 IAC Part 203 - Major Stationary Sources Construction and Modification. Any such terms and conditions are identified within this permit.

² Except as provided in Condition 8.7 of this permit.

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1.0 SOURCE IDENTIFICATION

1.1 Source

Field Container Company, L.P.
Elk Grove and Westfield Divisions
1500 Nicholas Boulevard
Elk Grove Village, Illinois 60007
(847) 437-1700

I.D. No.: 031440AJZ
Standard Industrial Classification: 2657, Folding Paperboard
Boxes

1.2 Owner/Parent Company

Field Container Company, L.P.
1500 Nicholas Boulevard
Elk Grove, Illinois 60620

1.3 Operator

Field Container Company, L.P.
Dennis Trojan, Plant Manager, Elk Grove Division and
Ron Trojan, Plant Manager, Westfield Division
1500 Nicholas Boulevard
Elk Grove, Illinois 60620

Kimberly Peterson
(847) 952-2411

1.4 General Source Description

Field Container Company L.P., Elk Grove Division, is located at 1500 Nicholas Boulevard, Elk Grove Village in Cook County. A separate division of the company, Westfield Division, is located at 1900 Greenleaf, but is physically adjacent, separated only by a fence. The source conducts non-heatset offset lithographic printing and coating operations. The printing presses are capable of applying non-heatset, quickset oxidizing offset printing and overprint inks, and/or waterbase acrylic coatings on sheets of paperboard substrates. In addition, fountain solutions, cleaning agents and conditioning agents are used as manufacturing aids during the printing process.

2.0 LIST OF ABBREVIATIONS/ACRONYMS USED IN THIS PERMIT

ACMA	Alternative Compliance Market Account
Act	Environmental Protection Act [415 ILCS 5/1 et seq.]
AP-42	Compilation of Air Pollutant Emission Factors, Volume 1, Stationary Point and Other Sources (and Supplements A through F), USEPA, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711
ATUs	Allotment Trading Units
BAT	Best Available Technology
Btu	British thermal unit
CAA	Clean Air Act [42 U.S.C. Section 7401 et seq.]
CAAPP	Clean Air Act Permit Program
CFR	Code of Federal Regulations
CO	Carbon Monoxide
ERMS	Emission Reduction Market System
°F	Degree Fahrenheit
ft ³	cubic foot
gal	Gallon
HAP	Hazardous Air Pollutant
hr	hour
IAC	Illinois Administrative Code
I.D. No.	Identification Number of Source, assigned by Illinois EPA
Illinois EPA	Illinois Environmental Protection Agency
kg	Kilogram
l	Liter
lb	pound
m	meter
MACT	Maximum Available Control Technology
MG	Megagram
mmBtu	Million British thermal units
mo	Month
MSDS	Material Safety Data Sheet
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards
PM	Particulate Matter
ppm	parts per million
PSD	Prevention of Significant Deterioration
psia	pounds per square inch absolute
SIC	Standard Industrial Classification
SO ₂	Sulfur Dioxide
T	Tons
T1	Title I - identifies Title I conditions that have been carried over from an existing construction permit
T1N	Title I New - identifies Title I conditions that are being established in this permit
T1R	Title I Revised - identifies Title I conditions that have been carried over from an existing construction permit and subsequently revised in this permit
USEPA	United States Environmental Protection Agency
VOM	Volatile Organic Material
%	Percent

wt %	Weight Percent
yr	year

3.0 INSIGNIFICANT ACTIVITIES

3.1 Identification of Insignificant Activities

The following activities at the source constitute insignificant activities as specified in 35 IAC 201.210:

- 3.1.1 Activities determined by the Illinois EPA to be insignificant activities, pursuant to 35 IAC 201.210(a)(1) and 201.211, as follows:

2 waxers

15 die cutters

6.6 mmBtu/hr gas fired Makeup air unit

- 3.1.2 Activities that are insignificant activities based upon maximum emissions, pursuant to 35 IAC 201.210(a)(2) or (a)(3), as follows:

Two Maintenance Parts Washer

Two Ink Mixers

Two Ink Mills

Ink Department Parts Washer

- 3.1.3 Activities that are insignificant activities based upon their type or character, pursuant to 35 IAC 201.210(a)(4) through (18), as follows:

Direct combustion units designed and used for comfort heating purposes and fuel combustion emission units as follows: Units with a rated heat input capacity of less than 2.5 mmBtu/hr that fire only natural gas, propane, or liquefied petroleum gas [35 IAC 201.210(a)(4)(A)].

Storage tanks of any size containing virgin or re-refined distillate oil, hydrocarbon condensate from natural gas pipeline or storage systems, lubricating oil, or residual fuel oils [35 IAC 201.210(a)(11)].

- 3.1.4 Activities that are considered insignificant activities pursuant to 35 IAC 201.210(b).

3.2 Addition of Insignificant Activities

- 3.2.1 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type that is identified in Condition 3.1, until the renewal application for this permit is submitted, pursuant to 35 IAC 201.212(a).

- 3.2.2 The Permittee must notify the Illinois EPA of any proposed addition of a new insignificant activity of a type addressed by 35 IAC 201.210(a) and 201.211 other than those identified in Condition 3.1, pursuant to Section 39.5(12)(b) of the Act.
- 3.2.3 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type identified in 35 IAC 201.210(b).

4.0 SIGNIFICANT EMISSION UNITS AT THIS SOURCE

Emission Unit	Description	Date Constructed	Emission Control Equipment
Printing Press #10R	Sheetfed Non-heatset Offset Lithographic Press	March, 1999	None
Printing Press #13R	Sheetfed Non-heatset Offset Lithographic Press	March, 1999	None
Printing Press #38	Sheetfed Non-heatset Offset Lithographic Press	July, 1981	None
Printing Press #40	Sheetfed Non-heatset Offset Lithographic Press	July, 1985	None
Printing Press #70	Sheetfed Non-heatset Offset Lithographic Press	July, 1989	None
Printing Press #50	Sheetfed Non-heatset Offset Lithographic Press	May, 1995	None
Printing Press #55	Sheetfed Non-heatset Offset Lithographic Press	July, 1995	None
Printing Press #106R	Sheetfed Non-heatset Offset Lithographic Press	January, 1998	None
Printing Press #107	Sheetfed Non-heatset Offset Lithographic Press	July, 1991	None
Printing Press #108	Sheetfed Non-heatset Offset Lithographic Press	October, 1993	None
Printing Press #109	Sheetfed Non-heatset Offset Lithographic Press	July, 1989	None
SL 1	Gluing Machine	Pre-1970	None
SL 2	Gluing Machine	Pre-1970	None
SL 3	Gluing Machine	Pre-1970	None
SL 4	Gluing Machine	1970	None
SL 5	Gluing Machine	1970	None
SL 6	Gluing Machine	1993	None
SL 7	Gluing Machine	Pre-1970	None
SL 8	Gluing Machine	Pre-1970	None
SL 9	Gluing Machine	1992	None
SL 10	Gluing Machine	Pre-1970	None
SL 11	Gluing Machine	Pre-1970	None
RA 1	Gluing Machine	Pre-1970	None
RA 2	Gluing Machine	Pre-1970	None
Domino	Gluing Machine	1973	None
Jagenberg	Gluing Machine	1997	None
Cello 1	Gluing Machine	1970s	None
Cello 2	Gluing Machine	1970s	None
SL 1	Gluing Machine	1973	None
SL 2	Gluing Machine	1992	None
SL 3	Gluing Machine	1977	None
SL 4	Gluing Machine	1993	None
SL 7	Gluing Machine	1993	None

5.0 OVERALL SOURCE CONDITIONS

5.1 Source Description

- 5.1.1 This permit is issued based on the source requiring a CAAPP permit as a major source of VOM emissions.
- 5.1.2 This permit is issued based on the source not being a major source for HAPs.

5.2 Applicable Regulations

- 5.2.1 Specific emission units at this source are subject to particular regulations as set forth in Section 7 (Unit-Specific Conditions) of this permit.
- 5.2.2 In addition, emission units at this source are subject to the following regulations of general applicability:
 - a. No person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally overhead at a point beyond the property line of the source unless the wind speed is greater than 40.2 kilometers per hour (25 miles per hour), pursuant to 35 IAC 212.301 and 212.314.
 - b.
 - i. This source shall be operated under the provisions of an operating program prepared by the Permittee and submitted to the Illinois EPA for its review. Such operating program shall be designed to significantly reduce fugitive particulate matter emissions [35 IAC 212.309(a)].
 - ii. The operating program shall be amended from time to time by the Permittee so that the operating program is current. Such amendments shall be consistent with the requirements set forth by this Condition and shall be submitted to the Illinois EPA [35 IAC 212.312].
 - iii. All normal traffic pattern roads and parking facilities located at this source shall be paved or treated with water, oils, or chemical dust suppressants. All paved areas shall be cleaned on a regular basis. All areas treated with water, oils, or chemical dust suppressants shall have the treatment applied on a regular basis, as needed, in accordance with the operating program [35 IAC 212.306].
 - c. No person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater

than 30 percent, into the atmosphere from any emission unit other than those emission units subject to the requirements of 35 IAC 212.122, pursuant to 35 IAC 212.123(a), except as allowed by 35 IAC 212.123(b) and 212.124.

- d. No person shall cause or allow the emission of sulfur dioxide into the atmosphere from any process emission unit to exceed 2,000 ppm [35 IAC 214.301].

5.2.3 The Permittee shall comply with the standards for recycling and emissions reduction of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

5.2.4 Should this stationary source, as defined in 40 CFR Section 68.3, become subject to the Accidental Release Prevention regulations in Part 68, then the owner or operator shall submit a Risk Management Plan (RMP) by the date specified in Section 68.10 and shall certify compliance with the requirements of Part 68 as part of the annual compliance certification as required by 40 CFR Part 70 or 71.

5.3 Non-Applicability of Regulations of Concern

None

5.4 Source-Wide Operational and Production Limits and Work Practices

In addition to the source-wide requirements in the Standard Permit Conditions in Section 9, the Permittee shall fulfill the following source-wide operational and production limitations and/or work practice requirements:

None

5.5 Source-Wide Emission Limitations

5.5.1 Permitted Emissions for Fees

The annual emissions from the source, not considering insignificant activities as addressed by Section 3.0 of this permit, shall not exceed the following limitations. The overall source emissions shall be determined by adding emissions from all emission units. Compliance with these limits shall be determined on a calendar year basis. These limitations (Condition 5.5.1) are set for the purpose of establishing fees and are not federally enforceable.

Permitted Emissions of Regulated Pollutants

Pollutant	Tons/Year
Volatile Organic Material (VOM)	79.9
Sulfur Dioxide (SO ₂)	---
Particulate Matter (PM)	---
Nitrogen Oxides (NO _x)	---
HAP, not included in VOM or PM	---
TOTAL	79.9

5.5.2 Emissions of Hazardous Air Pollutants

This permit is issued based on the emissions of HAPs as listed in Section 112(b) of the CAA not being equal to or exceeding 10 tons per year of a single HAP or 25 tons per year of any combination of such HAPs, so that this source is considered a minor source for HAPs.

5.5.3 Other Source-Wide Emission Limitations

None

5.6 General Recordkeeping Requirements

5.6.1 Emission Records

The Permittee shall maintain records of the following items for the source to demonstrate compliance with Condition 5.5.1, pursuant to Section 39.5(7)(b) of the Act:

Total annual emissions on a calendar year basis for the emission units covered by Section 7 (Unit Specific Conditions) of this permit.

5.6.2 Records for Operating Scenarios

N/A

5.6.3 Retention and Availability of Records

- a. All records and logs required by this permit shall be retained for at least five years from the date of entry (unless a longer retention period is specified by the particular recordkeeping provision herein), shall be kept at a location at the source that is readily accessible to the Illinois EPA or USEPA, and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request.
- b. The Permittee shall retrieve and print, on paper during normal source office hours, any records retained in an electronic format (e.g., computer) in response to an Illinois EPA or USEPA request for records during the course of a source inspection.

5.7 General Reporting Requirements

5.7.1 General Source-Wide Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of noncompliance with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken.

5.7.2 Annual Emissions Report

The annual emissions report required pursuant to Condition 9.7 shall contain emissions information for the previous calendar year.

5.8 General Operational Flexibility/Anticipated Operating Scenarios

N/A

5.9 General Compliance Procedures

5.9.1 General Procedures for Calculating Emissions

- a. Compliance with the source-wide emission limits specified in Condition 5.5 shall be based on the recordkeeping and reporting requirements of Conditions 5.6 and 5.7, and Compliance Procedures in Section 7 (Unit Specific Conditions) of this permit.
- b. Total VOM emissions from the source shall be calculated based on the following:

$$E_T = E_C + E_I + E_O - E_W$$

Where:

- E_T = Total VOM emissions, in pounds/month
 E_C = VOM emissions from all coatings, in pounds/month
 E_I = VOM emissions from all printing inks, in pounds/month
 E_O = VOM emissions from all other VOM-containing materials (e.g., fountain solutions, cleanup solvents, conditioners, in pounds/month
 E_w = Credit for VOM in waste sent offsite

and

$$E_C = \sum_{i=1}^n U_i V_i$$

Where:

- U_i = Usage of coating i, in lbs/month
 V_i = Overall VOM content of coating i, in weight percent

and the summation \sum is over all coatings i; and

$$E_I = \left(\sum_{k=1}^n U_k V_k \right) \times (1 - 95^*/100)$$

Where:

- U_k = Usage of printing ink k, in pounds/month
 V_k = Overall VOM content of printing ink k, in weight percent

and the summation \sum is over all printing inks k

- * For sheetfed non-heatset offset printing 95% of the VOM in inks is retained on the substrate and hence not emitted; and

$$E_O = \sum_{j=1}^n U_j V_j$$

Where:

- U_j = Usage of VOM-containing material j, in lb/month

V_j = VOM content of VOM-containing material j , in weight percent

and the summation \sum is over all VOM-containing materials j (other than coatings and printing inks); and

E_w = Credit for waste sent offsite

6.0 EMISSION REDUCTION MARKET SYSTEM (ERMS)

6.1 Description of ERMS

The ERMS is a "cap and trade" market system for major stationary sources located in the Chicago ozone nonattainment area. It is designed to reduce VOM emissions from stationary sources to contribute to further reasonable progress toward attainment, as required by Section 182(c) of the Clean Air Act.

The ERMS addresses VOM emissions during a seasonal allotment period from May 1 through September 30. Once the ERMS begins, participating sources must hold "allotment trading units" (ATUs) for their actual seasonal VOM emissions. Each year participating sources are issued ATUs based on allotments set during initial issuance of the sources' CAAPP permits. These allotments are established from historical VOM emissions or "baseline emissions" lowered to provide the emission reduction from stationary sources required for further progress.

By December 31 of each year, the end of the reconciliation period following the seasonal allotment period, each source shall have sufficient ATUs in its account to cover its actual VOM emissions during the preceding season. An account's balance as of December 31 will include any valid ATU transfer agreements entered into as of December 31 of the given year, provided such agreements are promptly submitted to the Illinois EPA for entry into the account database. The Illinois EPA will then retire ATUs in sources' accounts in amounts equivalent to their seasonal emissions. When a source does not appear to have sufficient ATUs in its account, the Illinois EPA will issue a notice to the source to begin the process for Emissions Excursion Compensation.

In addition to receiving ATUs pursuant to their allotments, participating sources may also obtain ATUs from the market, including ATUs bought from other participating sources and general participants in the ERMS that hold ATUs (35 IAC 205.630) and ATUs issued by the Illinois EPA as a consequence of VOM emission reductions from an Emission Reduction Generator or an Intersector Transaction (35 IAC 205.500 and 205.510). During the reconciliation period, sources may also buy ATUs from a secondary reserve of ATUs managed by the Illinois EPA, the Alternative Compliance Market Account (35 IAC 205.710). Sources may also transfer or sell the ATUs that they holds to other sources or participants (35 IAC 205.630).

6.2 Applicability

This source is considered a "participating source" for purposes of the ERMS, 35 IAC Part 205.

6.3 Obligation to Hold Allotment Trading Units (ATUs)

- a. Pursuant to 35 IAC 205.150(c)(1) and 205.720, and as further addressed by condition 6.8, as of December 31 of

each year, this source shall hold ATUs in its account in an amount not less than its VOM emissions during the preceding seasonal allotment period (May 1 - September 30) not including VOM emissions from the following, or the source shall be subject to "emissions excursion compensation," as described in Condition 6.4.

- i. VOM emissions from insignificant units and activities as identified in Section 3 of this permit, in accordance with 35 IAC 205.220;
 - ii. Excess VOM emissions associated with startup, malfunction or breakdown of an emission unit as authorized elsewhere in this permit, in accordance with 35 IAC 205.225;
 - iii. Excess VOM emissions to the extent allowed by a Variance, Consent Order, or Compliance Schedule, in accordance with 35 IAC 205.320(e)(3);
 - iv. Excess VOM emissions that are a consequence of an emergency as approved by the Illinois EPA, pursuant to 35 IAC 205.750; and
 - v. VOM emissions from certain new and modified emission units as addressed by Section 6.7(b), if applicable, in accordance with 35 IAC 205.320(f).
- b. Notwithstanding the above condition, in accordance with 35 IAC 205.150(c)(2), if a source commences operation of a major modification, pursuant to 35 IAC Part 203, the source shall hold ATUs in an amount not less than 1.3 times its VOM emissions attributable to such major modification during the seasonal allotment period, determined in accordance with the construction permit for such major modification or applicable provisions in Section 7.0 of this permit.

6.4 Market Transaction

- a. The source shall apply to the Illinois EPA for and obtain authorization for a Transaction Account prior to conducting any market transactions, as specified at 35 IAC 205.610(a).
- b. The Permittee shall promptly submit to the Illinois EPA any revisions to the information submitted for its Transaction Account, pursuant to 35 IAC 205.610(b).
- c. The source shall have at least one account officer designated for its Transaction Account, pursuant to 35 IAC 205.620(a).
- d. Any transfer of ATUs to or from the source from another source or general participant must be authorized by a

qualified Account Officer designated by the source and approved by the Illinois EPA in accordance with 35 IAC 205.620 and the transfer must be submitted to the Illinois EPA for entry into the Transaction Account database.

6.5 Emission Excursion Compensation

Pursuant to 35 IAC 205.720, if the source fails to hold ATUs in accordance with Condition 6.3, it shall provide emissions excursion compensation in accordance with the following:

- a. Upon receipt of an Excursion Compensation Notice issued by the Illinois EPA, the source shall purchase ATUs from the ACMA in the amount specified by notice, as follows:
 - i. The purchase of ATUs shall be in an amount equivalent to 1.2 times the emissions excursion; or
 - ii. If the source had an emissions excursion for the seasonal allotment period immediately before the period for the present emission excursion, the source shall purchase ATUs in an amount equivalent to 1.5 times the emissions excursion.
- b. If requested in accordance with paragraph (c) below or in the event that the ACMA balance is not adequate to cover the total emissions excursion amount, the Illinois EPA will deduct ATUs equivalent to the specified amount or any remaining portion thereof from the ATUs to be issued to the source for the next seasonal allotment period.
- c. Pursuant to 35 IAC 205.720(c), within 15 days of receipt of an Excursion Compensation Notice, the owner or operator may request that ATUs equivalent to the amount specified be deducted from the source's next seasonal allotment by the Illinois EPA, rather than purchased from the ACMA.

6.6 Quantification of Seasonal VOM Emissions

- a. The methods and procedures specified in Section 5 and 7 of this permit for determining VOM emissions and compliance with VOM emission limitations shall be used for determining seasonal VOM emissions for purposes of the ERMS, with the following exceptions [35 IAC 205.315(b)]:

No exceptions

- b. The Permittee shall report emergency conditions at the source to the Illinois EPA in accordance with 35 IAC 205.750, if the Permittee intends to deduct VOM emissions in excess of the technology-based emission rates normally achieved that are attributable to the emergency from the source's seasonal VOM emissions for purposes of the ERMS. These reports shall include the information specified by 35 IAC 205.750(a), and shall be submitted in accordance with the following:

- i. An initial emergency condition report within two days of the time when such excess emissions occurred due to the emergency; and
- ii. A final emergency condition report, if needed to supplement the initial report, within 10 days after the conclusion of the emergency.

6.7 Annual Account Reporting

- a. For each year in which the source is operational, the Permittee shall submit, as a component of its Annual Emission Report, seasonal VOM emission information to the Illinois EPA for the seasonal allotment period. This report shall include the following information [35 IAC 205.300]:
 - i. Actual seasonal emissions of VOM from the source;
 - ii. A description of the methods and practices used to determine VOM emissions, as required by this permit, including any supporting documentation and calculations;
 - iii. A detailed description of any monitoring methods that differ from the methods specified in this permit, as provided in Section 205.337 of this Subpart;
 - iv. If a source has experienced an emergency, as provided in 35 IAC 205.750, the report shall reference the associated emergency conditions report that has been approved by the Agency;
 - v. If a source's baseline emissions have been adjusted due to a variance, consent order or CAAPP permit compliance schedule, as provided for in 35 IAC 205.320(e)(3), the report shall provide documentation quantifying the excess VOM emissions during the season that were allowed by the Variance, Consent Order, or Compliance Schedule, in accordance with 35 IAC 205.320(e)(3); and
 - vi. If a source is operating a new or modified emission unit for which three years of operational data are not yet available, as specified in 35 IAC 205.320(f), the report shall specify seasonal VOM emissions attributable to the new emission unit or the modification of the emission unit.
- b. This report shall be submitted by November 30 of each year, for the preceding seasonal allotment period.

6.8 Allotment of ATUs to the Source

- a.
 - i. The allotment of ATUs to this source is 150 ATUs per seasonal allotment period.
 - ii. This allotment of ATUs reflects the Illinois EPA's determination that the source's baseline emissions were 17 tons.
 - A. This determination includes the use of 1994 and 1997 as baseline seasons. This determination includes use of the 1997 season as a substitute for the 1995 season due to non-representative conditions in this season as allowed by 35 IAC 205.320(a).
 - iii. The source's allotment reflects 88% of the baseline emissions (12% reduction) except for the VOM emissions from specific emission unit excluded from such reduction, pursuant to 35 IAC 205.405 including units complying with MACT or using BAT, as identified in Condition 6.11 of this permit.
 - iv. ATUs will be issued to the source's Transaction Account by the Illinois EPA annually. These ATUs will be valid for the seasonal allotment period following issuance and, if not retired in this season, the next seasonal allotment period.
 - v. Condition 6.3(a) becomes effective beginning in the seasonal allotment period following the initial issuance of ATUs by the Illinois EPA into the Transaction Account for the source.
- b. Contingent Allotments for New or Modified Emission Units

The source was issued a construction permit prior to January 1, 1998 for the following new or modified emission units for which three years of operational data is not yet available:

Emission Unit	Construction Permit #	Date Issued	Maximum Available Allotment	Explanation of Maximum Allotment
Press 106R	97090065	Dec. 17, 1997	5.3 Tons Per Season	5 Months at Maximum Monthly in 7.1.6

In accordance with 35 IAC 205.310(h) and 205.320(f), the source shall submit a written request for, or an application for, a revised emissions baseline and allotment which address these emission units by December 1 of the year of the third complete seasonal allotment period in which each such newly constructed or modified

emission unit is operational. Such submittal shall include information from the affected emission units on the seasonal emissions for these first three seasonal allotment periods.

- c. Notwithstanding the above, part or all of the above ATUs will not be issued to the source in circumstances as set forth in 35 IAC Part 205, including:
 - i. Transfer of ATUs by the source to another participant or the ACMA, in accordance with 35 IAC 205.630;
 - ii. Deduction of ATUs as a consequence of emission excursion compensation, in accordance with 35 IAC 205.720; and
 - iii. Transfer of ATUs to the ACMA, as a consequence of shutdown of the source, in accordance with 35 IAC 205.410.

6.9 Recordkeeping for ERMS

The Permittee shall maintain copies of the following documents as its Compliance Master File for purposes of ERMS [35 IAC 205.700(a)]:

- a. Seasonal component of the Annual Emission Report;
- b. Information on actual VOM emissions, as specified in detail in Sections 5 and 7 of this permit and Condition 6.6(a); and
- c. Any transfer agreements for the purchase or sale of ATUs and other documentation associated with the transfer of ATUs.

6.10 Federal Enforceability

Section 6 becomes federally enforceable upon approval of the ERMS by USEPA as part of Illinois' State Implementation Plan.

6.11 Exclusions from Further Reductions

- a. VOM emissions from the following emission units, if satisfying subsection (a)(1), (a)(2), or (a)(3) prior to May 1, 1999, shall be excluded from the VOM emissions reductions requirements specified in IAC 205.400(c) and (e) as long as such emission units continue to satisfy subsection (a)(1), (a)(2), or (a)(3) [35 IAC 205.405(a)]:
 - i. Emission units that comply with any NESHAP or MACT standard promulgated pursuant to the CAA;

- ii. Direct combustion emission units designed and used for comfort heating purposes, fuel combustion emission units and internal combustion engines; and
- iii. An emission unit for which a LAER demonstration has been approved by the Agency on or after November 15, 1990.

The source has demonstrated in their ERMS application and the Illinois EPA has determined that the following emission units qualifies for exclusion from further reductions because they meet the criteria as indicated above [35 IAC 205.400(a) and (c)]:

None

- b. VOM emissions from the emission units using BAT for controlling VOM emissions, prior to May 1, 1999, shall not be subject to the VOM emissions reductions requirements specified in IAC 205.400(c) or (e) as long as such emission unit continues to use such BAT [35 IAC 205.405(b)].

The source has demonstrated in their ERMS application and the Illinois EPA has determined that the following emission units qualifies from further reductions because these emission units use BAT for controlling VOM emissions as indicated above [35 IAC 205.400(b) and (c)]:

None

7.0 UNIT SPECIFIC CONDITIONS

- 7.1 Unit 1 Printing press #38 [Sheetfed Non-heatset Offset Lithographic Printing Press capable of printing and also for applying coatings on sheets of paperboard substrates].
- Unit 2 Printing press #40 [Sheetfed Non-heatset Offset Lithographic Printing Press capable of printing and also for applying coatings on sheets of paperboard substrates].
- Unit 3 Printing press #70 [Sheetfed Non-heatset Offset Lithographic Printing Press capable of printing and also for applying coatings on sheets of paperboard substrates].
- Unit 4 Printing press #50 [Sheetfed Non-heatset Offset Lithographic Printing Press capable of printing and also for applying coatings on sheets of paperboard substrates].
- Unit 5 Printing press #55 [Sheetfed Non-heatset Offset Lithographic Printing Press capable of printing and also for applying coatings on sheets of paperboard substrates].
- Unit 6 Printing press #106R [Sheetfed Non-heatset Offset Lithographic Printing Press capable of printing and also for applying coatings on sheets of paperboard substrates].
- Unit 7 Printing press #107 [Sheetfed Non-heatset Offset Lithographic Printing Press capable of printing and also for applying coatings on sheets of paperboard substrates].
- Unit 8 Printing press #108 [Sheetfed Non-heatset Offset Lithographic Printing Press capable of printing and also for applying coatings on sheets of paperboard substrates].
- Unit 9 Printing press #109 [Sheetfed Non-heatset Offset Lithographic Printing Press capable of printing and also for applying coatings on sheets of paperboard substrates].
- Unit 10 Printing press 10R [Sheetfed Non-heatset Offset Lithographic Printing Press capable of printing and also for applying coatings on sheets of paperboard substrates].
- Unit 11 Printing press 13R [Sheetfed Non-heatset Offset Lithographic Printing Press capable of printing and

also for applying coatings on sheets of paperboard substrates].

7.1.1 Description

The Permittee is a manufacturer of folding paperboard boxes. The printing presses are capable of applying inks and coatings on sheet of paperboard substrate. During the printing process besides printing inks, fountain solutions, cleaning solvents/solutions are used. During coating process waterbase acrylic coatings are used. The coatings are applied with a roller coater and do not emit PM.

7.1.2 List of Emission Units and Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
Press #38	Non-heatset lithographic printing and/or coating press	None
Press #40	Non-heatset lithographic printing and/or coating press	None
Press #70	Non-heatset lithographic printing and/or coating press	None
Press #50	Non-heatset lithographic printing and/or coating press	None
Press #55	Non-heatset lithographic printing and/or coating press	None
Press #106R	Non-heatset lithographic printing and/or coating press	None
Press #107	Non-heatset lithographic printing and/or coating press	None
Press #108	Non-heatset lithographic printing and/or coating press	None
Press #109	Non-heatset lithographic printing and/or coating press	None
Press #10R	Non-heatset lithographic printing and/or coating press	None
Press #13R	Non-heatset lithographic printing and/or coating press	None

7.1.3 Applicability Provisions and Applicable Regulations

- a. An "affected printing line" for the purpose of these unit specific conditions is a press when a printing operation is being performed. As of the "date issued" as shown on page 1 of this permit, the affected printing lines are identified in Condition 7.1.2.
- b. An "affected coating line" for the purpose of these unit specific condition is only the part of a press on which a coating operation is being performed. As of the "date issued" as shown on page 1 of this

permit, the affected coating lines are identified in Condition 7.1.2.

- c. Each press when operating as an affected printing line or an affected coating line is subject to the limits identified in Condition 5.2.2.
- d. When printing operations are performed on the presses, the affected printing lines are subject to the following:
 - i. The VOM content of as-applied fountain solution shall be 5 percent or less, by volume [35 IAC 218.407 (a)(3)].
 - ii. The VOM content of the as-used cleaning solution is less than or equal to 30 percent by weight [35 IAC 218.407 (a)(4)(A)] or the vapor pressure of the as-used cleaning solution shall be less than 10 mmHg at 20°C (68°F) [35 IAC 218.407(a)(4)(B)].
 - iii. The VOM containing cleaning materials, including used cleaning towels, associated with any printing line, shall not be kept, stored or disposed of in any manner other than in closed containers [35 IAC 218.407 (a)(5)].
- e. The affected printing lines at the source are subject to 35 IAC 218.301 which requires that:

The Permittee shall not cause or allow the discharge of more than 3.6 kg/hr (8 lb/hr) of organic material into the atmosphere from the subject printing line. If no odor nuisance exists the limitation shall apply only to photochemically reactive material as defined in 35 IAC 211.4690.

- f. When coating operations are performed on the presses, the affected coating lines are subject to the following:
 - i. No owner or operator of an affected coating line shall apply at any time any coating in which the VOM content exceeds the following emission limitations for the coating as applied to Paper. The following emission limitation is expressed in units of VOM per volume of coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied at each coating applicator [35 IAC 218.204 (c)]:

<u>kg/liter</u>	<u>lbs/gallon</u>
0.28	2.3

- ii. Compounds which are specifically exempted from the definition of VOM should be treated as water for the purpose of calculating the "less water" part of the coating composites.
- iii. Condition 7.1.5(a) limits the VOM content of the coatings to more stringent VOM contents than 2.3 lb/gal in order to limit total VOM emissions.
- iv. Although a Board note to 35 IAC 218.204(c) states that the paper coating limitation shall not apply to a paper coating line if the paper coating line also performs printing and complies with the emission limitations of 35 IAC 218.401 (rotogravure and flexographic printing). The Permittee has chosen to comply with coating rules since the printing is lithographic and not rotogravure or flexographic. The actual VOM content of the coating is significantly below the compliance content for either the coating rule or the printing rule.

7.1.4 Non-Applicability of Regulations of Concern

- a. The affected coating lines are not subject to 35 IAC 218.301, use of organic material, pursuant to 35 IAC 218.209, Exemption From General Rule on Use of Organic Material which excludes affected coating lines from this requirement.
- b. While all process units may be considered subject to the PM emission limits in 35 IAC 212, Subpart L, since this equipment does not generate PM, the rule is not considered applicable.

7.1.5 Operational and Production Limits and Work Practices [T1]

- a. The Ink and coating usage and their corresponding VOM content used on Presses (#50, 107, 108, B) shall not exceed the following limits:

Emission Unit	Ink and Coating Usage (combined)		VOM content in weight percent		
	(T/Mo)	(T/Yr)	(Inks)	(Overprint)	(Coatings)
Press 107 and 108 (combined)	9.9	68.2	25	25	5.0
Press 50 and 55 (combined)	9.8	67.5	25	25	5.0
Presses 38, 40 and 70 (combined)	61.3	420	20	35	1.4

Emission Unit	Ink and Coating Usage (combined)		VOM content in weight percent		
	(T/Mo)	(T/Yr)	(Inks)	(Overprint)	(Coatings)
Press 10R and 13R (combined)	13.0	88.8	25	25	5
Press 106R	9.0	61.4	25	25	10

b. The fountain solution usage shall not exceed the following limits:

Emission Unit	Fountain Solution Usage	
	(Ton/Mo)	(Tons/Yr)
Presses 107* and 108 (Combined)	6.6	45.1
Presses 50 and 55 (Combined)	11.0	75.7
Presses 38, 40 and 70 (Combined)	211.3	1,449
Presses 10R and 13R (Combined)	14.5	99.6
Press 106R	6.4	44.0

c. The cleanup solvent and conditioners usage (cleanup solvent usage) and shall not exceed the following limits:

Emission Unit	Cleanup Solvent Usage ^a		VOM Content In Weight Percent
	(Tons/Mo)	(Tons/Yr)	
Presses 107 and 108 (Combined)	1.0	7.0	100
Presses 50 and 55 (Combined)	0.9	6.4	100
Presses 38, 40 and 70 (Combined)	2.4	16.6	100
Presses 10R and 13R (Combined)	1.3	8.6	100
Press 106R	1.0	6.6	100

^a If the solvent meets the lower VOM content requirements allowed by Condition 7.1.3(d)(ii), the usage value may be correspondingly higher.

b Since credit is given for VOM in waste sent offsite, VOM emissions are not the product of use times VOM content.

The emission limits are based on the maximum allowable usage rate and maximum VOM content of the cleanup solvent used and a 50 percent recovery rate of cleanup solvent for reuse or to be sent offsite for disposal. Compliance with these limits shall be determined by the recordkeeping requirement of Condition 7.1.9. The above limitations in Condition 7.1.5 (a), (b) and (c) were established in Construction Permit 95050202 pursuant to 35 IAC Part 203. These limits are convertible into the emission limits in Condition 7.1.6.

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 (running 12 month total)

7.1.6 Emission Limitations [T1]

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected printing and/or coating lines are subject to the following:

a. Emissions of VOM from printing and coating operation shall not exceed the following limits:

<u>Emission Unit</u>	<u>VOM Emissions</u>	
	<u>(lb/mo)</u>	<u>(T/year)</u>
Presses 107 and 108 (Combined)	580	2.0
Presses 50 and 55 (Combined)	580	2.0
Presses 38, 40 and 70 (Combined)	1490	5.1
Presses 10R and 13R (Combined)	760	2.6
Press 106R	530	1.8

The emission limits are based on the VOM content of the material used and allowing 95% retention of VOM for printing operation and 0% retention for coatings used.

- b. Emissions of VOM from fountain solution usage shall not exceed the following limits:

<u>Emission Unit</u>	<u>VOM Emissions</u>	
	<u>(lb/mo)</u>	<u>(T/year)</u>
Presses 107 and 108 (Combined)	660	2.3
Presses 50 and 55 (Combined)	1,110	3.8
Presses 38, 40 and 70 (Combined)	2,830	9.7
<u>Emission Unit</u>	<u>VOM Emissions</u>	
	<u>(lb/mo)</u>	<u>(T/year)</u>
Presses 10R and 13R (Combined)	1,460	5.0
Press 106R	640	2.2

The emission limits are based on the maximum allowable fountain solution usage and the VOM content of the solution used (all fountain solutions used having a VOM content less than or equal to 5% by volume as applied [35 IAC 218.407 (a)(3)(A)]).

- c. Emissions of VOM from cleanup solvent and conditioners usage shall not exceed the following limits:

<u>Emission Unit</u>	<u>VOM Emissions</u>	
	<u>(lb/mo)</u>	<u>(T/year)</u>
Presses 107 and 108 (Combined)	1,020	3.5
Presses 50 and 55 (Combined)	950	3.2
Presses 38, 40 and 70 (Combined)	2,420	8.3
Presses 10R and 13R (Combined)	1,250	4.3
Press 106R	960	3.3

The emission limits are based on the maximum allowable usage rate and maximum VOM content of the cleanup solvent used and a 50% recovery rate of VOM from cleanup solvent for reuse or to be sent offsite for disposal.

The above limitations in Conditions 7.1.6 (a),(b) and (c) were most recently revised in Construction Permit 98120056 pursuant to 35 IAC part 203. These limits ensure that the construction/ modification addressed in the aforementioned Construction Permit does not constitute a new major source or major modification pursuant to 35 IAC Part 203.

- 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 (running 12 month total)

7.1.7 Testing Requirements

Testing for VOM content of coatings and other materials shall be performed as follows [35 IAC 218.105(a), 218.204, 218.409 and Section 39.5(7)(b) of the Act]

- a. Upon reasonable request by the Illinois EPA, the VOM content of specific coatings, and cleaning solvents used on the affected coating line shall be determined according to USEPA Reference Methods 24 and 24A of 40 CFR 60 Appendix A and the procedures of 35 IAC 218.105(a).
 - i. The VOM content of representative coatings "as applied" on the affected coating line shall be determined according to USEPA Reference Methods 24 and 24A of 40 CFR 60 Appendix A and the procedures of 35 IAC 218.105(a);
 - ii. This testing may be performed by the supplier of a material provided that the supplier provides appropriate documentation for such testing to the Permittee and the Permittee's records pursuant to Condition 7.1.9(a) directly reflect the application of such material and separately account for any additions of solvent [35 IAC 218.105(a)].
- b. Upon reasonable request by the Illinois EPA, the VOM content of fountain solution, cleaning solution, and cleaning solvents used on the affected printing line shall be determined to demonstrate compliance with 35 IAC 218.407 (a)(3) and (4)(A) according to USEPA Reference Methods 24 of 40 CFR 60 Appendix A and the procedures of 35 IAC 218.105(a).
 - i. The VOM content of representative materials "as applied" on the affected printing line shall be determined according to USEPA Reference Methods 24 of 40 CFR 60 Appendix A and the procedures of 35 IAC 218.105(a);or

- ii. This testing may be performed by the supplier of a material provided that the supplier provides appropriate documentation for such testing to the Permittee and the Permittee's records pursuant to Condition 7.1.9(b) directly reflect the application of such material and separately account for any additions of solvent [35 IAC 218.105(a)].
- c. If the cleaning solution used complies by means of 35 IAC 218.407(a)(4)(B), upon reasonable request by the Illinois EPA, the vapor pressure of the cleaning solution shall be determined by acceptable methods.

7.1.8 Monitoring Requirements

When printing operations are performed on the presses, the affected printing lines are subject to the following:

- a. For fountain solution to which VOM is not added automatically, the following records should be maintained:
 - i. Date and time of preparation and each subsequent modification of the batch;
 - ii. Volume and VOM content of each component used in, or subsequently added to, the fountain solution batch; and
 - iii. Calculated VOM content of the as-applied fountain solution.
- b. For fountain solutions to which VOM is added at the source with automatic feed equipment which makes additions of VOM up to a pre-set level. The equipment used to make automatic additions must be installed, calibrated, operated and maintained in accordance with manufacturer's specifications.
- c. For cleaning solutions that are prepared at the source that automatically mixes cleaning solvent and water (or other non-VOM) the following should be followed:
 - i. The Permittee shall 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
 - ii. Pre-set automatic feed equipment so that the consumption rates of the cleaning solvent and

water (or other non-VOM), as applied, comply with 35 IAC 218.407 (a)(4)(A).

7.1.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for each affected coating line and printing line to demonstrate compliance with Conditions 5.5.1 and 7.1.3, 7.1.5 and 7.1.6 of this section, pursuant to Section 39.5(7)(b) of the Act:

- a. Pursuant to 35 IAC 218.211 (c), the Permittee shall collect and record the following information:
 - i. The name and identification of each coating as applied on each coating line; and
 - ii. The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each coating line.
- b. Pursuant to 35 IAC 218.411 (c), the Permittee shall collect and record the following information:
 - i. The name and identification of each batch of fountain solution prepared for use on one or more printing lines or centralized reservoir using such batch of fountain solution, and the applicable VOM content limitation for the batch; and
 - ii. For each batch of as-applied fountain solution, the following should be recorded:
 - 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; and
 - C. Calculated VOM content of the as-applied fountain solution (volume percent).
 - iii. For each cleaning solvent for which compliance is determined by the vapor pressure requirement of 35 IAC 218.407(a)(4)(B), either a MSDS sheet listing the vapor pressure at 68°F or results of testing for the vapor pressure.
 - iv. For each cleaning solution which is prepared at the source with automatic equipment, the following should be recorded:

- A. The name and identification of each cleaning solvent/solution;
 - B. If a solution, the VOM content of each cleaning solvent in the cleaning solution;
 - 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 (weight percent); and
 - F. A calibration log for the automatic equipment, detailing periodic checks.
- v. For each cleaning solution which is not prepared at the source with automatic equipment, the following should be recorded:
- A. The name and identification of each cleaning solution;
 - B. Date and time of preparation, and subsequent modification, of the batch;
 - C. The VOM content of each cleaning solvent in the cleaning solution;
 - D. The total amount of each cleaning solvent and water (or other non-VOM) used to prepare the as-used cleaning solution; and
 - E. The VOM content of the as-used cleaning solution, with supporting calculation (weight percent).
- c. The Permittee shall maintain records of the amount of each ink, overprint ink and coating used in lb/mo and tons/year. This usage data shall be collected as follows:

- i. Usage data for the following sets of presses can be combined:
 - Set 1: 107 and 108
 - Set 2: 50 and 55
 - Set 3: 38, 40 and 70
 - Set 4: 10R and 13R
- ii. Usage data for all other presses shall be recorded separately.
- d. The Permittee shall maintain records of the VOM content of each ink, overprint ink and coating used in weight percent.
- e. The Permittee shall maintain records of the amount of each fountain solution used in lbs/mo and tons/year. This usage data shall be collected as follows:
 - i. Usage data for the following sets of presses can be combined:
 - Set 1: 107 and 108
 - Set 2: 50 and 55
 - Set 3: 38, 40 and 70
 - Set 4: 10R and 13R
 - ii. Usage data for the other press(es) shall be recorded separately.
- f. The Permittee shall maintain records of the VOM content of each fountain solution used in weight percent.
- g. The Permittee shall maintain records of each cleanup solution used in tons/month and tons/year. This usage data shall be collected as follows:
 - i. Usage data for the following sets of presses can be combined:
 - Set 1: 107 and 108
 - Set 2: 50 and 55
 - Set 3: 38, 40 and 70
 - Set 4: 10R and 13R
 - ii. Usage data for the other press(es) shall be recorded separately.
- h. The Permittee shall maintain records of the VOM content of each cleaning solutions and conditioner used in weight percent.

- i. Amount of cleanup solution reclaimed for reuse or sent offsite for disposal and VOM content of the waste.
- j. VOM emissions from use of inks, overprints, coatings and fountain solutions in lb/mo and tons/year and VOM emissions from cleanup solutions in tons/month and tons/year. This shall be calculated using the data collected as required by Condition 7.1.9 (c), (d), (e), (f), (g), (h) and (i).
- k. Records of the testing of VOM and HAP content (wt%) of each coating, ink, overprint ink, fountain solution and cleaning solution as tested pursuant to the conditions of this section, which include the following [Section 39.5(7)(e) of the Act]:
 - i. Identification of material tested;
 - ii. Results of analysis;
 - iii. Documentation of analysis methodology; and
 - iv. Person performing analysis.
- l. Records are not required to demonstrate compliance with Condition 7.1.3(f) because the materials are not photochemically reactive and based on the annual emission allowed by Condition 7.1.6, emissions would not exceed 8 pounds in any hour.

7.1.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of noncompliance of an affected printing or coating line with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

Pursuant to 35 IAC 218.211 (c)(3)(A), 218.411 (c)(3), and 218.411 (d)(3) the Permittee shall notify the Illinois EPA of any record showing violation of Condition 7.1.3 (d) and (f) within 30 days of such an occurrence.

7.1.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational change with respect to the affected printing and/or coating lines without prior notification to the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to properly obtain a construction permit in a timely manner

for any activity constituting construction or modification of the source, as defined in 35 IAC 201.102:

Usage of coatings, inks, fountain solutions and cleaning solutions at this source with various VOM contents provided that the materials are tested in accordance with the conditions of this section, the source wide emission limitations in Condition 5.5.1 are not exceeded and the affected coating lines remain in compliance.

7.1.12 Compliance Procedures

- a. Compliance with the particulate matter limitations in this section is assured and achieved by the proper operation and maintenance of the printing and/or coating lines and the work-practices inherent in operation of the printing and/or coating lines.
- b. Compliance of coatings, fountain solutions and cleanup solvents with the VOM emission limitations shall be determined from the testing required by this section.
- c. Emission calculation procedures are given in Condition 5.9.

- 7.2 Group 1 15 Gluing Machines designated as SL1, SL3, SL5, SL7, SL8, SL10, RA1, RA2, Domino, Cello 1 Cello 2, SL1-4, and 7 (Westfield)
- Group 2 2 Gluing Machines designated as SL2 and SL4 (Elk Grove)
- Group 3 2 Gluing Machines designated as SL6 and SL9 (Elk Grove)

7.2.1 Description

The Permittee is a manufacturer of folding paperboard boxes. After the printing and/or coating operation is finished at the presses, waterbase adhesives or hot melt glue (paper coating) is applied at the gluing machines. These gluing machines are coating lines for applying paper coatings. The glues are applied with roller type devices and do not generate PM.

7.2.2 List of Emission Units and Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
SL1	Gluing Machine for Paper Coating	None
SL2	Gluing Machine for Paper Coating	None
SL3	Gluing Machine for Paper Coating	None
SL4	Gluing Machine for Paper Coating	None
SL5	Gluing Machine for Paper Coating	None
SL6	Gluing Machine for Paper Coating	None
SL7	Gluing Machine for Paper Coating	None
SL8	Gluing Machine for Paper Coating	None
SL9	Gluing Machine for Paper Coating	None
SL10	Gluing Machine for Paper Coating	None
SL11	Gluing Machine for Paper Coating	None
RA1	Gluing Machine for Paper Coating	None
RA2	Gluing Machine for Paper Coating	None
Domino	Gluing Machine for Paper Coating	None
Jagenberg	Gluing Machine for Paper Coating	None
Cello 1	Gluing Machine for Paper Coating	None
Cello 2	Gluing Machine for Paper Coating	None
SL1 Westfield	Gluing Machine for Paper Coating	None
SL2 Westfield	Gluing Machine for Paper Coating	None
SL3 Westfield	Gluing Machine for Paper Coating	None
SL4 Westfield	Gluing Machine for Paper Coating	None
SL7 Westfield	Gluing Machine for Paper Coating	None

7.2.3 Applicability Provisions and Applicable Regulations

- a. An "affected coating line" for the purpose of these unit specific conditions is a coating operation that includes the gluing machine which is used to apply adhesives and for hot melt glues (coatings) to a paper substrate. As of the "date issued" as shown on page 1 of this permit, the affected coating lines are identified in Condition 7.2.2.
- b. The affected coating lines are subject to the emission limits identified in Condition 5.2.2.
- c. The affected coating lines are subject to 35 IAC 218.204(c) for paper coatings which provides that:
 - i. No owner or operator of an affected coating line shall apply at any time any coating in which the VOM content exceeds the following emission limitations for the coating as applied to Paper. The following emission limitation is expressed in units of VOM per volume of coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied at each coating applicator:

<u>kg/liter</u>	<u>lbs/gallon</u>
0.28	2.3
 - ii. Compounds which are specifically exempted from the definition of VOM should be treated as water for the purpose of calculating the "less water" part of the coating composites.

7.2.4 Non-Applicability of Regulations of Concern

- a. The affected coating lines are not subject to 35 IAC 218.301, use of organic material, pursuant to 35 IAC 218.309, Exemption From General Rule on Use of Organic Material which excludes affected coating lines from this requirement.

7.2.5 Operational and Production Limits and Work Practices [T1]

- a. The adhesives and glue (coating) usage on coating lines SL2, SL4, SL6, and SL9 shall not exceed the following limits:

<u>Emission Source</u>	<u>Coating Usage</u>	
	<u>(lb/mo)</u>	<u>(t/year)</u>
SL2 and SL4 (combined)	165	28.6
SL6 and SL9 (combined)	153	26.7

7.2.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected coating lines (gluing machines SL2, SL4, SL6 and SL9) are subject to the following:

- a. Emissions of VOM from coating operation shall not exceed the following limits:

<u>Emission Source</u>	<u>VOM Emissions</u>	
	<u>(lb/mo)</u>	<u>(t/year)</u>
SL2 and SL4 (Combined)	14.85	1.1
SL6 and SL9 (Combined)	13.77	1.3

The emission limits are based on the maximum allowable adhesive usage, and the VOM content of the adhesives used (all adhesives used having a VOM content less than or equal to 9% by weight).

The above limitations in Conditions 7.2.6(a) were established in Construction Permit 95050202 pursuant to 35 IAC 203. These limits ensure that the construction/modification addressed in the aforementioned Construction Permit does not constitute a new major source or major modification pursuant to 35 IAC Part 203.

7.2.7 Testing Requirements

Testing for VOM content of coatings and other materials shall be performed as follows [35 IAC 218.105(a), 218.204, and Section 39.5(7)(b) of the Act]

- a. Upon reasonable request by the Illinois EPA, the VOM content of specific coatings, and cleaning solvents used on the affected coating line shall be determined according to USEPA Reference Methods 24 and 24A of 40 CFR 60 Appendix A and the procedures of 35 IAC 218.105(a).
- i. The VOM content of representative coatings "as applied" on the affected coating line shall be determined according to USEPA Reference Methods 24 and 24A of 40 CFR 60 Appendix A and the procedures of 35 IAC 218.105(a);
- ii. This testing may be performed by the supplier of a material provided that the supplier provides appropriate documentation for such testing to the Permittee and the Permittee's records pursuant to Condition 7.2.9(a) directly reflect the application of such material and separately account for any additions of solvent [35 IAC 218.105(a)].

7.2.8 Monitoring Requirements

None

7.2.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for each affected coating line to demonstrate compliance with Conditions 5.5.1 and 7.2.3 of this section, pursuant to Section 39.5(7)(b) of the Act:

- a.
 - i. The name and identification of each coating as applied on each coating line;
 - ii. The usage of each coating on each coating line group, in units of lbs/mo and tons/year;
 - iii. The weight of VOM per volume of each coating (minus water and any compounds which are specifically exempted from the definition of VOM) as applied each day on each affected coating line;
 - iv. VOM content of each adhesive used in weight percent; and
 - v. VOM emissions from the use of coatings in lb/mo and tons/year. This shall be calculated using the data from Condition 7.2.9(a)(i), (ii), and (iv).
- b. Records of the testing of VOM and HAP content (wt%) of each coating as tested pursuant to the conditions of this section, which include the following [Section 39.5(7)(e) of the Act]:
 - i. Identification of material tested;
 - ii. Results of analysis;
 - iii. Documentation of analysis methodology; and
 - iv. Person performing analysis.
- c. The operating schedule of each affected coating line.

7.2.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of noncompliance of an affected printing or coating line with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such

deviations, and any corrective actions or preventive measures taken:

Pursuant to 35 IAC 218.211 (c)(3)(A), the Permittee shall notify the Illinois EPA of any record showing violation of Condition 7.2.3 (d) within 30 days of such an occurrence.

7.2.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational change with respect to the affected coating lines without prior notification to the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to properly obtain a construction permit in a timely manner for any activity constituting construction or modification of the source, as defined in 35 IAC 201.102:

Usage of coatings at this source with various VOM contents provided that the materials are tested in accordance with the conditions of this section, the source wide emission limitations in Condition 5.5.1 are not exceeded and the affected coating lines remain in compliance.

7.2.12 Compliance Procedures

- a. Compliance of coatings with the VOM emission limitations shall be determined from the testing required by this section.
- b. VOM emissions shall be calculated by the procedures in Condition 5.9.

8.0 GENERAL PERMIT CONDITIONS

8.1 Permit Shield

Pursuant to Section 39.5(7)(j) of the Act, the Permittee has requested and has been granted a permit shield. This permit shield provides that compliance with the conditions of this permit shall be deemed compliance with applicable requirements as of the date the proposed permit for this source was issued. This shield is granted based on the Illinois EPA's review of the permit application for this source and its determination that all applicable requirements are specifically identified in this permit. If the Illinois EPA, in acting on this permit application, has determined that other requirements specifically identified are not applicable to the source, the Illinois EPA's written determination (or a concise summary thereof) is included in this permit.

This permit shield does not extend to applicable requirements which are promulgated after March 24, 1999 (the date of issuance of the draft permit) unless this permit has been modified to reflect such new requirements.

8.2 Applicability of Title IV Requirements (Acid Deposition Control)

This source is not an affected source under Title IV of the CAA and is not subject to requirements pursuant to Title IV of the CAA.

8.3 Emissions Trading Programs

No permit revision shall be required for increases in emissions allowed under any USEPA approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for elsewhere in this permit and that are authorized by the applicable requirement [Section 39.5(7)(o)(vii) of the Act].

As of the date of issuance of this permit, there are no such economic incentive, marketable permit or emission trading programs that have been approved by USEPA.

8.4 Operational Flexibility/Anticipated Operating Scenarios

8.4.1 Changes Specifically Addressed by Permit

Physical or operational changes specifically addressed by the Conditions of this permit that have been identified as not requiring Illinois EPA notification may be implemented without prior notice to the Illinois EPA.

8.4.2 Changes Requiring Prior Notification

The Permittee is authorized to make physical or operational changes without applying for or obtaining an

amendment to this permit, provided that the changes do not constitute a modification under Title I of the CAA, emissions will not exceed the emissions allowed under this permit following implementation of the physical or operational change and the Permittee provides written notice to the Illinois EPA, Division of Air Pollution Control, Permit Section, at least 7 days before commencement of the change [Section 39.5(12)(a) of the Act]. This notice shall:

- a. Describe the physical or operational change;
- b. Identify the schedule for implementing the physical or operational change;
- c. Provide a statement of whether or not any New Source Performance Standard (NSPS) is applicable to the physical or operational change and the reason why the NSPS does or does not apply;
- d. Provide emission calculations which demonstrate that the physical or operational change will not result in a modification; and
- e. Provide a certification that the physical or operational change will not result in emissions greater than authorized under the Conditions of this permit.

8.5 Testing Procedures

Tests conducted to measure composition of materials, efficiency of pollution control devices, emissions from process or control equipment, or other parameters shall be conducted using standard test methods. Documentation of the test date, conditions, methodologies, calculations, and test results shall be retained pursuant to the recordkeeping procedures of this permit. Reports of any tests conducted as required by this permit or as the result of a request by the Illinois EPA shall be submitted as specified in Condition 8.6.

8.6 Reporting Requirements

8.6.1 Monitoring Reports

A report summarizing required monitoring as specified in the conditions of this permit shall be submitted to the Air Compliance Section of the Illinois EPA every six months as follows [Section 39.5(7)(f) of the Act]:

<u>Monitoring Period</u>	<u>Report Due Date</u>
January - June	September 1
July - December	March 1

All instances of deviations from permit requirements must be clearly identified in such reports. All such reports shall be certified in accordance with Condition 9.9.

8.6.2 Test Notifications

Unless otherwise specified elsewhere in this permit, a written test plan for any test required by this permit shall be submitted to the Illinois EPA for review at least 60 days prior to the testing pursuant to Section 39.5(7)(a) of the Act. The notification shall include at a minimum:

- a. The name and identification of the affected unit(s);
- b. The person(s) who will be performing sampling and analysis and their experience with similar tests;
- c. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of maximum emissions and the means by which the operating parameters for the source and any control equipment will be determined;
- d. The specific determination of emissions and operation which are intended to be made, including sampling and monitoring locations;
- e. The test method(s) which will be used, with the specific analysis method, if the method can be used with different analysis methods;
- f. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with justification; and
- g. Any proposed use of an alternative test method, with detailed justification.

8.6.3 Test Reports

Unless otherwise specified elsewhere in this permit, the results of any test required by this permit shall be submitted to the Illinois EPA within 60 days of completion of the testing. The test report shall include at a minimum [Section 39.5(7)(e)(i) of the Act]:

- a. The name and identification of the affected unit(s);
- b. The date and time of the sampling or measurements;
- c. The date any analyses were performed;

- d. The name of the company that performed the tests and/or analyses;
- e. The test and analytical methodologies used;
- f. The results of the tests including raw data, and/or analyses including sample calculations;
- g. The operating conditions at the time of the sampling or measurements; and
- h. The name of any relevant observers present including the testing company's representatives, any Illinois EPA or USEPA representatives, and the representatives of the source.

8.6.4 Reporting Addresses

- a. The following addresses should be utilized for the submittal of reports, notifications, and renewals:
 - i. Illinois EPA - Air Compliance Section

Illinois Environmental Protection Agency
Bureau of Air
Compliance Section (MC 40)
P.O. Box 19276
Springfield, Illinois 62794-9276
 - ii. Illinois EPA - Air Regional Field Office

Illinois Environmental Protection Agency
Division of Air Pollution Control
Eisenhower Tower
1701 First Avenue
Maywood, Illinois 60153
 - iii. Illinois EPA - Air Permit Section (MC 11)

Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section
P.O. Box 19506
Springfield, Illinois 62794-9506
 - iv. USEPA Region 5 - Air Branch

USEPA (AR - 17J)
Air & Radiation Division
77 West Jackson Boulevard
Chicago, Illinois 60604
- b. Unless otherwise specified in the particular provision of this permit, reports shall be sent to the Illinois EPA - Air Compliance Section with a copy sent to the Illinois EPA - Air Regional Field Office.

8.7 Obligation to Comply with Title I Requirements

Any term, condition, or requirement identified in this permit by T1, T1R, or T1N is established or revised pursuant to 35 IAC Part 203 or 40 CFR 52.21 ("Title I provisions") and incorporated into this permit pursuant to both Section 39.5 and Title I provisions. Notwithstanding the expiration date on the first page of this permit, the Title I conditions remain in effect pursuant to Title I provisions until the Illinois EPA deletes or revises them in accordance with Title I procedures.

9.0 STANDARD PERMIT CONDITIONS

9.1 Effect of Permit

9.1.1 The issuance of this permit does not release the Permittee from compliance with State and Federal regulations which are part of the Illinois State Implementation Plan, as well as with other applicable statutes and regulations of the United States or the State of Illinois or applicable ordinances, except as specifically stated in this permit and as allowed by law and rule [Section 39.5(7)(j)(iv) of the Act].

9.1.2 In particular, this permit does not alter or affect the following:

- a. The provisions of Section 303 (emergency powers) of the CAA, including USEPA's authority under that Section;
- b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
- c. The applicable requirements of the acid rain program consistent with Section 408(a) of the CAA; and
- d. The ability of USEPA to obtain information from a source pursuant to Section 114 (inspections, monitoring, and entry) of the CAA.

9.2 General Obligations of Permittee

9.2.1 Duty to Comply

The Permittee must comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the CAA and the Act, and is grounds for any or all of the following: enforcement action, permit termination, revocation and reissuance, modification, or denial of a permit renewal application [Section 39.5(7)(o)(i) of the Act].

The Permittee shall meet applicable requirements that become effective during the permit term in a timely manner unless an alternate schedule for compliance with the applicable requirement is established.

9.2.2 Duty to Maintain Equipment

The Permittee shall maintain all equipment covered under this permit in such a manner that the performance or operation of such equipment shall not cause a violation of applicable requirements.

9.2.3 Duty to Cease Operation

No person shall cause, threaten or allow the continued operation of any emission unit during malfunction or breakdown of the emission unit or related air pollution control equipment if such operation would cause a violation of an applicable emission standard, regulatory requirement, ambient air quality standard or permit limitation unless such malfunction or breakdown is allowed by a permit condition [Section 39.5(6)(c) of the Act].

9.2.4 Disposal Operations

The source shall be operated in such a manner that the disposal of air contaminants collected by the equipment operations, or activities shall not cause a violation of the Act or regulations promulgated thereunder.

9.2.5 Duty to Pay Fees

The Permittee must pay fees to the Illinois EPA consistent with the fee schedule approved pursuant to Section 39.5(18) of the Act, and submit any information relevant thereto [Section 39.5(7)(o)(vi) of the Act]. The check should be payable to "Treasurer, State of Illinois" and sent to: Fiscal Services Section, Illinois Environmental Protection Agency, P.O. Box 19276, Springfield, Illinois 62794-9276.

9.3 Obligation to Allow Illinois EPA Surveillance

Upon presentation of proper credentials and other documents, the Permittee shall allow the Illinois EPA, or an authorized representative to perform the following [Section 39.5(7)(p)(ii) of the Act]:

- a. Enter upon the Permittee's premises where an actual or potential emission unit is located; where any regulated equipment, operation, or activity is located or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect during hours of operation any sources, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- d. Sample or monitor any substances or parameters at any location:
 - i. At reasonable times, for the purposes of assuring permit compliance; or

- ii. As otherwise authorized by the CAA, or the Act.
- e. Obtain and remove samples of any discharge or emission of pollutants; and
- f. Enter and utilize any photographic, recording, testing, monitoring, or other equipment for the purposes of preserving, testing, monitoring, or recording any activity, discharge or emission at the source.

9.4 Obligation to Comply With Other Requirements

The issuance of this permit does not release the Permittee from applicable State and Federal laws and regulations, and applicable local ordinances addressing subjects other than air pollution control.

9.5 Liability

9.5.1 Title

This permit shall not be considered as in any manner affecting the title of the premises upon which the permitted source is located.

9.5.2 Liability of Permittee

This permit does not release the Permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the sources.

9.5.3 Structural Stability

This permit does not take into consideration or attest to the structural stability of any unit or part of the source.

9.5.4 Illinois EPA Liability

This permit in no manner implies or suggests that the Illinois EPA (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the source.

9.5.5 Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege [Section 39.5(7)(o)(iv) of the Act].

9.6 Recordkeeping

9.6.1 Control Equipment Maintenance Records

A maintenance record shall be kept on the premises for each item of air pollution control equipment. As a minimum, this record shall show the dates of performance and nature of preventative maintenance activities.

9.6.2 Records of Changes in Operation

A record shall be kept describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under this permit, and the emissions resulting from those changes [Section 39.5(12)(b)(iv) of the Act].

9.6.3 Retention of Records

- a. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit [Section 39.5(7)(e)(ii) of the Act].
- b. Other records required by this permit shall be retained for a period of at least 5 years from the date of entry unless a longer period is specified by a particular permit provision.

9.7 Annual Emissions Report

The Permittee shall submit an annual emissions report to the Illinois EPA, Compliance Section no later than May 1 of the following year, as required by 35 IAC Part 254.

9.8 Requirements for Compliance Certification

Pursuant to Section 39.5(7)(p)(v) of the Act, the Permittee shall submit compliance certifications annually or more frequently as specified in the applicable requirement or by permit condition.

- a. The certifications shall include descriptions of means to monitor the compliance of the source including emissions limitations, standards, and work practices in accordance with applicable requirements and permit conditions. The certification shall include the identification of each term or condition of this permit that is the basis of the certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for

determining the compliance status of the source, both currently and over the reporting period consistent with the conditions of this permit.

- b. All compliance certifications shall be submitted to USEPA Region 5 in Chicago as well as to the Illinois EPA.
- c. All compliance reports required to be submitted shall include a certification in accordance with Condition 9.9.

9.9 Certification

Any document (including reports) required to be submitted by this permit shall contain a certification by a responsible official of the Permittee that meets the requirements of Section 39.5(5) of the Act [Section 39.5(7)(p)(i) of the Act]. An example Certification by a Responsible Official is included as an attachment to this permit.

9.10 Defense to Enforcement Actions

9.10.1 Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit [Section 39.5(7)(o)(ii) of the Act].

9.10.2 Emergency Provision

- a. An emergency shall be an affirmative defense to an action brought for noncompliance with the technology-based emission limitations under this permit if the following conditions are met through properly signed, contemporaneous operating logs, or other relevant evidence:
 - i. An emergency occurred as provided in Section 39.5(7)(k) of the Act and the Permittee can identify the cause(s) of the emergency. Normally, an act of God such as lightning or flood is considered an emergency;
 - ii. The permitted source was at the time being properly operated;
 - iii. The Permittee submitted notice of the emergency to the Illinois EPA within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and

iv. During the period of the emergency the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission limitations, standards, or regulations in this permit.

b. This provision is in addition to any emergency or upset provision contained in any applicable requirement. This provision does not relieve a Permittee of any reporting obligations under existing federal or state laws or regulations.

9.11 Permanent Shutdown

This permit only covers emission units and control equipment while physically present at the indicated source location(s). Unless this permit specifically provides for equipment relocation, this permit is void for the operation or activity of any item of equipment on the date it is removed from the permitted location(s) or permanently shut down. This permit expires if all equipment is removed from the permitted location(s), notwithstanding the expiration date specified on this permit.

9.12 Reopening and Reissuing Permit for Cause

9.12.1 Permit Actions

This permit may be modified, reopened, and reissued, for cause pursuant to Section 39.5(15) of the Act. The filing of a request by the Permittee for a permit modification, revocation, and reissuance, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition [Section 39.5(7)(o)(iii) of the Act].

9.12.2 Reopening and Revision

This permit must be reopened and revised if any of the following occur [Section 39.5(15)(a) of the Act]:

- a. Additional requirements become applicable to the equipment covered by this permit and three or more years remain before expiration of this permit;
- b. Additional requirements become applicable to an affected source for acid deposition under the acid rain program;
- c. The Illinois EPA or USEPA determines that this permit contains a material mistake or inaccurate statement when establishing the emission standards or limitations, or other terms or conditions of this permit; and

- d. The Illinois EPA or USEPA determines that this permit must be revised to ensure compliance with the applicable requirements of the Act.

9.12.3 Inaccurate Application

The Illinois EPA has issued this permit based upon the information submitted by the Permittee in the permit application. Any misinformation, false statement or misrepresentation in the application shall be grounds for revocation under Section 39.5(15)(b) of the Act.

9.12.4 Duty to Provide Information

The Permittee shall furnish to the Illinois EPA, within a reasonable time specified by the Illinois EPA any information that the Illinois EPA may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to the Illinois EPA copies of records required to be kept by this permit, or for information claimed to be confidential, the Permittee may furnish such records directly to USEPA along with a claim of confidentiality [Section 39.5(7)(o)(v) of the Act].

9.13 Severability Clause

The provisions of this permit are severable, and should any one or more be determined to be illegal or unenforceable, the validity of the other provisions shall not be affected. The rights and obligations of the Permittee shall be construed and enforced as if this permit did not contain the particular provisions held to be invalid and the applicable requirements underlying these provisions shall remain in force [Section 39.5(7)(i) of the Act].

9.14 Permit Expiration and Renewal

The right to operate terminates on the expiration date unless the Permittee has submitted a timely and complete renewal application. For a renewal to be timely it must be submitted no later than 9 and no sooner than 12 months prior to expiration. The equipment may continue to operate during the renewal period until final action is taken by the Illinois EPA, in accordance with the original permit conditions [Section 39.5(5)(1), (n), and (o) of the Act].

10.0 ATTACHMENTS

10.1 Attachment 1 - Example Certificate of Compliance

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____

Name: _____

Official Title: _____

Telephone No.: _____

Date Signed: _____

DGP:psj

10.2 Attachment 2 Guidance on Revising This Permit

The Permittee must submit an application to the Illinois EPA using the appropriate revision classification in accordance with Sections 39.5(13) and (14) of the Act and 35 IAC 270.302. Specifically, there are currently three classifications for revisions to a CAAPP permit. These are:

1. Administrative Permit Amendment;
2. Minor Permit Modification; and
3. Significant Permit Modification.

The Permittee must determine, request, and submit the necessary information to allow the Illinois EPA to use the appropriate procedure to revise the CAAPP permit. A brief explanation of each of these classifications follows.

1. Administrative Permit Amendment
 - Corrects typographical errors;
 - Identifies a change in the name, address, or phone number of any person identified in the permit, or provides a similar minor administrative change at the source;
 - Requires more frequent monitoring or reporting by the Permittee;
 - Allows for a change in ownership or operational control of the source where no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new Permittees has been submitted to the Illinois EPA. This shall be handled by completing form 272-CAAPP, REQUEST FOR OWNERSHIP CHANGE FOR CAAPP PERMIT; or
 - Incorporates into the CAAPP permit a construction permit, provided the conditions of the construction permit meet the requirements for the issuance of CAAPP permits.
2. Minor Permit Modification
 - Do not violate any applicable requirement;
 - Do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit;

- Do not require a case-by-case determination of an emission limitation or other standard, or a source-specific determination of ambient impacts, or a visibility or increment analysis;
- Do not seek to establish or change a permit term or condition for which there is no corresponding underlying requirement and which avoids an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:
 - A federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the CAA; and
 - An alternative emissions limit approved pursuant to regulations promulgated under Section 112(i)(5) of the CAA.
- Are not modifications under any provision of Title I of the CAA;
- Are not required to be processed as a significant permit modification; and
- Modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches.

An application for a minor permit modification shall include the following:

- A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
- The source's suggested draft permit/conditions;
- Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and
- Information as contained on form 271-CAAPP, MINOR PERMIT MODIFICATION FOR CAAPP PERMIT for the Illinois EPA to use to notify USEPA and affected States.

3. Significant Permit Modification

- Applications that do not qualify as either minor permit modifications or as administrative permit amendments;
- Applications requesting a significant change in existing monitoring permit terms or conditions;
- Applications requesting a relaxation of reporting or recordkeeping requirements; and
- Cases in which, in the judgment of the Illinois EPA, action on an application for modification would require decisions to be made on technically complex issues.

An application for a significant permit modification shall include the following:

- A detailed description of the proposed change(s), including all physical changes to equipment, changes in the method of operation, changes in emissions of each pollutant, and any new applicable requirements which will apply as a result of the proposed change. Note that the Permittee need only submit revised forms for equipment and operations that will be modified.

The Illinois EPA requires the information on the following appropriate forms to be submitted in accordance with the proper classification:

- Form 273-CAAPP, REQUEST FOR ADMINISTRATIVE PERMIT AMENDMENT FOR CAAPP PERMIT; or
- Form 271-CAAPP, MINOR PERMIT MODIFICATION FOR CAAPP PERMIT; or
- Form 200-CAAPP, APPLICATION FOR CAAPP PERMIT (for significant modification).

Application forms can be obtained from the Illinois EPA website at <http://www.epa.state.il.us/air/forms>.

Note that the request to revise the permit must be certified for truth, accuracy, and completeness by a responsible official.

Note that failure to submit the required information may require the Illinois EPA to deny the application. The Illinois EPA reserves the right to require that additional information be submitted as needed to evaluate or take final action on applications pursuant to Section 39.5(5)(g) of the Act and 35 IAC 270.305.



Illinois Environmental Protection Agency
Division Of Air Pollution Control -- Permit Section
P.O. Box 19506
Springfield, Illinois 62794-9506

Application For Construction Permit (For CAAPP Sources Only)	For Illinois EPA use only
	ID number:
	Permit number:
Date received:	

This form is to be used by CAAPP sources to supply information necessary to obtain a construction permit. Please attach other necessary information and completed CAAPP forms regarding this construction/modification project.

Source Information		
1. Source name:		
2. Source street address:		
3. City:	4. Zip code:	
5. Is the source located within city limits? <input type="checkbox"/> Yes <input type="checkbox"/> No		
6. Township name:	7. County:	8. ID number:

Owner Information		
9. Name:		
10. Address:		
11. City:	12. State:	13. Zip code:

Operator Information (if different from owner)		
14. Name		
15. Address:		
16. City:	17. State:	18. Zip code:

Applicant Information	
19. Who is the applicant? <input type="checkbox"/> Owner <input type="checkbox"/> Operator	20. All correspondence to: (check one) <input type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Source
21. Attention name and/or title for written correspondence:	
22. Technical contact person for application:	23. Contact person's telephone number:

This Agency is authorized to require and you must disclose this information under 415 ILCS 5/39. Failure to do so could result in the application being denied and penalties under 415 ILCS 5 et seq. It is not necessary to use this form in providing this information. This form has been approved by the forms management center.

Summary Of Application Contents	
24. Does the application address whether the proposed project would constitute a new major source or major modification under each of the following programs: a) Non-attainment New Source Review – 35 IAC Part 203; b) Prevention of Significant Deterioration (PSD) – 40 CFR 52.21; c) Hazardous Air Pollutants: Regulations Governing Constructed or Reconstructed Major Sources – 40 CFR Part 63?	<input type="checkbox"/> Yes <input type="checkbox"/> No
25. Does the application identify and address all applicable emissions standards, including those found in the following: a) Board Emission Standards – 35 IAC Chapter I, Subtitle B; b) Federal New Source Performance Standards – 40 CFR Part 60; c) Federal Standards for Hazardous Air Pollutants – 40 CFR Parts 61 and 63?	<input type="checkbox"/> Yes <input type="checkbox"/> No
26. Does the application include a process flow diagram(s) showing all emission units and control equipment, and their relationship, for which a permit is being sought?	<input type="checkbox"/> Yes <input type="checkbox"/> No
27. Does the application include a complete process description for the emission units and control equipment for which a permit is being sought?	<input type="checkbox"/> Yes <input type="checkbox"/> No
28. Does the application include the information as contained in completed CAAPP forms for all appropriate emission units and air pollution control equipment, listing all applicable requirements and proposed exemptions from otherwise applicable requirements, and identifying and describing any outstanding legal actions by either the USEPA or the Illinois EPA? Note: The use of "APC" application forms is not appropriate for applications for CAAPP sources. CAAPP forms should be used to supply information.	<input type="checkbox"/> Yes <input type="checkbox"/> No
29. If the application contains TRADE SECRET information, has such information been properly marked and claimed, and have two separate copies of the application suitable for public inspection and notice been submitted, in accordance with applicable rules and regulations?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable, No TRADE SECRET information in this application

Note 1: Answering "No" to any of the above may result in the application being deemed incomplete.

Signature Block	
<p>This certification must be signed by a responsible official. Applications without a signed certification will be returned as incomplete.</p>	
<p>30. I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate and complete. Authorized Signature:</p>	
BY:	_____
_____	_____
AUTHORIZED SIGNATURE	TITLE OF SIGNATORY
_____	/ _____ / _____
TYPED OR PRINTED NAME OF SIGNATORY	DATE

Note 2: An operating permit for the construction/modification permitted in a construction permit must be obtained by applying for the appropriate revision to the source's CAAPP permit, if necessary.

10.4 Attachment 4 Guidance on Renewing This Permit

Timeliness - Pursuant to Section 39.5(5)(n) of the Act and 35 IAC 270.301(d), a source must submit to the Illinois EPA a complete CAAPP application for the renewal of a CAAPP permit not later than 9 months before the date of permit expiration of the existing CAAPP permit in order for the submittal to be deemed timely. Note that the Illinois EPA typically sends out renewal notices approximately 18 months prior to the expiration of the CAAPP permit.

The CAAPP application must provide all of the following information in order for the renewal CAAPP application to be deemed complete by the Illinois EPA:

1. A completed renewal application form 200-CAAPP, APPLICATION FOR CAAPP PERMIT.
2. A completed compliance plan form 293-CAAPP, COMPLIANCE PLAN/SCHEDULE OF COMPLIANCE FOR CAAPP PERMIT.
3. A completed compliance certification form 296-CAAPP, COMPLIANCE CERTIFICATION, signed by the responsible official.
4. Any applicable requirements that became effective during the term of the permit and that were not included in the permit as a reopening or permit revision.
5. If this is the first time this permit is being renewed and this source has not yet addressed CAM, the application should contain the information on form 464-CAAPP, COMPLIANCE ASSURANCE MONITORING (CAM) PLAN.
6. Information addressing any outstanding transfer agreement pursuant to the ERMS.
7. a. If operations of an emission unit or group of emission units remain unchanged and are accurately depicted in previous submittals, the application may contain a letter signed by a responsible official that requests incorporation by reference of existing information previously submitted and on file with the Illinois EPA. This letter must also include a statement that information incorporated by reference is also being certified for truth and accuracy by the responsible official's signing of the form 200-CAAPP, APPLICATION FOR CAAPP PERMIT and the form 296-CAAPP, COMPLIANCE CERTIFICATION. The boxes should be marked yes on form 200-CAAPP,

APPLICATION FOR CAAPP PERMIT, as existing information is being incorporated by reference.

- b. If portions of current operations are not as described in previous submittals, then in addition to the information above for operations that remain unchanged, the application must contain the necessary information on all changes, e.g., discussion of changes, new or revised CAAPP forms, and a revised fee form 292-CAAPP, FEE DETERMINATION FOR CAAPP PERMIT, if necessary.
8. Information about all off-permit changes that were not prohibited or addressed by the permit to occur without a permit revision and the information must be sufficient to identify all applicable requirements, including monitoring, recordkeeping, and reporting requirements, for such changes.
9. Information about all changes made under 40 CFR 70.4(b)(12)(i) and (ii) that require a 7-day notification prior to the change without requiring a permit revision.

The Illinois EPA will review all applications for completeness and timeliness. If the renewal application is deemed both timely and complete, the source shall continue to operate in accordance with the terms and conditions of its CAAPP permit until final action is taken on the renewal application.

Notwithstanding the completeness determination, the Illinois EPA may request additional information necessary to evaluate or take final action on the CAAPP renewal application. If such additional information affects your allowable emission limits, a revised form 292-CAAPP, FEE DETERMINATION FOR CAAPP PERMIT must be submitted with the requested information. The failure to submit to the Illinois EPA the requested information within the time frame specified by the Illinois EPA, may force the Illinois EPA to deny your CAAPP renewal application pursuant to Section 39.5 of the Act.

Application forms may be obtained from the Illinois EPA website at <http://www.epa.state.il.us/air/forms.html>.

If you have any questions regarding this matter, please contact a permit analyst at 217/782-2113.

Mail renewal applications to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section (MC 11)
P.O. Box 19506

Springfield, Illinois 62794-9506