

Mr. Patrick Peak
Ivy Hill Corporation
4325 Sheperdsville Road
Louisville, KY 40218

February 15, 2006

Re: 167-22623
First Administrative Amendment to
FESOP 167-13900-00063

Dear Mr. Peak:

Ivy Hill Corporation was issued a permit on September 30, 2004 for a flexographic printing operation. A letter requesting to install one (1) press was received on January 30, 2006. The press being added is the same type of equipment already permitted. By adding similar equipment the source will still be able to comply with existing permit requirements and terms. There are no new state or federal rules which apply to these new units. Therefore, pursuant to the provisions of 326 IAC 2-8-10(a)(14), the permit is hereby administratively amended as follows:

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) and Vigo County Air Pollution Control (VCAPC), and presented in the permit application.

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) Heidelberg offset lithographic printing press (Model CD102-7+LX) which is identified as press 7C40. This press has a maximum line speed of 583 feet per minute and a maximum printing width of forty (40) inches. This press was installed in 1996.
- (b) One (1) Planeta offset lithographic printing press (Model P74-6) which is identified as press 6C56. This press has a maximum line speed of 778 feet per minute and a maximum width of fifty-six (56) inches. This press was installed in 1998.
- (c) One (1) Planeta offset lithographic printing press (Model RA-105-6+L) which is identified as press 6C41. This press has a maximum line speed of 833 feet per minute and a maximum width of forty-one (41) inches. This press was installed in 1999.
- (d) One (1) Planeta offset lithographic printing press (Model RA-142-6+L-ALV) which is identified as press 6C56-2. This press has a maximum line speed of 778 feet per minute and a maximum width of fifty-six (56) inches. This press was installed in 2001.
- (e) One (1) Heidelberg offset lithographic printing press (Model CD102-6+LX) which is identified as press 6C40. This press has a maximum line speed of 583 feet per minute and a maximum printing width of forty (40) inches. This press was installed in 2002.
- (f) One (1) Puhl paper collector/baler which was installed in 1991.
- (g) One (1) Planeta offset lithographic printing press (model RA-142-7-L-T-T-1-ALV3) which is identified as press 8C56-06. This press has a maximum run speed of 15,000 sheets per hour with a maximum sheet size of 56" x 39".**

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (a) One (1) Heidelberg offset lithographic printing press (Model CD102-7+LX) which is identified as press 7C40. This press has a maximum line speed of 583 feet per minute and a maximum printing width of forty (40) inches. This press was installed in 1996.
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- (d) One (1) Planeta offset lithographic printing press (Model RA-142-6+L-ALV) which is identified as press 6C56-2. This press has a maximum line speed of 778 feet per minute and a maximum width of fifty-six (56) inches. This press was installed in 2001.
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- (f) One (1) Planeta offset lithographic printing press (model RA-142-7-L-T-T-1-ALV3) which is identified as press 8C56-06. This press has a maximum run speed of 15,000 sheets per hour with a maximum sheet size of 56" x 39".**

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

D.1.1 Volatile Organic Compounds (VOCs) [326 IAC 8-1-6] [326 IAC 2-8-4] [326 IAC 2-1.1-5]

- (a) The source shall not exceed a total of 96 tons of VOC being fed to the emissions units combined (presses 7C40, 6C56, 6C41, 6C56-2, 6C40, **and 8C56-06**) per 12 consecutive months with compliance determined at the end of each month. Compliance with this limit renders 326 IAC 2-7 and 2-1.1-5 not applicable.
- (b) The total VOC usage of UV coatings, blanket/roller washes, inks, fountain additives, isopropanol, cleaning materials, clean up solvents, alcohol substitute, and other coatings being fed to each emissions unit (presses 7C40, 6C56, 6C41, 6C56-2, 6C40 **and 8C56-06**) shall not exceed 24 tons per 12 consecutive months with compliance demonstrated at the end of each month. Therefore 326 IAC 8-1-6 does not apply.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR QUALITY
 COMPLIANCE DATA SECTION**

AND

VIGO COUNTY AIR POLLUTION CONTROL

**FESOP Usage Report
 Submit Report Quarterly**

Source Name: Ivy Hill Corporation
 Source Address: 4025 3RD Parkway, Terre Haute, Indiana 47804
 Mailing Address: 4325 Sheperdsville Road, Louisville, Kentucky 40218
 FESOP No.: 167-13900-00063
 Facility: Individual Presses
 Parameter: VOC fed to individual printing presses
 Limit: 24 tons per year per press (rolled monthly)

YEAR: _____

Press	Tons VOC this month	Tons VOC last 12 months
7C40		
Month		
Month		
Month		
6C56		
Month		
Month		
Month		
6C41		
Month		
Month		
Month 3		
6C56-2		
Month 1		
Month 2		
Month 3		
6C40		
Month 1		
Month 2		
Month 3		
8C56-06		
Month 1		
Month 2		
Month 3		

No deviation occurred in this month.

Deviation/s occurred in this month.
 Deviation has been reported on _____

Submitted by: _____
 Title/Position: _____
 Signature: _____
 Date: _____
 Phone: _____

Attach a signed certification to complete this report.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Mr. Scott Sines, at (812) 462-3433, extension 12.

Sincerely,

Original Signed by:

George M. Needham
Director
Vigo County Air Pollution Control

Attachments

SBS

cc: Mindy Hahn - IDEM
Winter Bottum - IDEM

**FEDERALLY ENFORCEABLE STATE
OPERATING PERMIT (FESOP) RENEWAL
INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
And
VIGO COUNTY AIR POLLUTION CONTROL**

**Ivy Hill Corporation
4025 3rd Parkway
Terre Haute, Indiana 47804**

(Herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

The Permittee must comply with all conditions of this permit. Noncompliance with any provision of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; and denial of a permit renewal application. 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. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F167-13900-00063	
Original Issued by: Issued by: George M. Needham, Director Vigo County Air Pollution Control	Issuance Date: 9/30/04 Expiration Date: 9/30/09
First Administrative Amendment 167-22623	Pages Affected: 5-6, 22-23, 31
Issued by: Original Signed by: George M. Needham, Director Vigo County Air Pollution Control	Issuance Date: 2/15/06 Expiration Date: 9/30/09

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) and Vigo County Air Pollution Control (VCAPC). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates an offset lithographic printing plant.

Authorized individual:	Patrick Peak Manager, Safety and Environmental Affairs
Source Address:	4025 3 rd Parkway, Terre Haute, Indiana 47804
Mailing Address:	4325 Sheperdsville Road, Louisville, Kentucky 40218
General Source Phone:	812-466-9851
SIC Code:	2752
Source Location Status:	Vigo Nonattainment for ozone under the 8-hour standard Attainment for all other criteria pollutants
Source Status:	Federally Enforceable State Operating Permit (FESOP) Minor Source, under PSD and Nonattainment NSR; Minor Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) Heidelberg offset lithographic printing press (Model CD102-7+LX) which is identified as press 7C40. This press has a maximum line speed of 583 feet per minute and a maximum printing width of forty (40) inches. This press was installed in 1996.
- (b) One (1) Planeta offset lithographic printing press (Model P74-6) which is identified as press 6C56. This press has a maximum line speed of 778 feet per minute and a maximum width of fifty-six (56) inches. This press was installed in 1998.
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A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) Two (2) Weil-McClain Model 94 Boilers which are identified as Boiler #1 and Boiler #2. Each boiler has a rated heat input capacity of 6.856 MMBTU/Hr and was installed in 2002.

- (b) One (1) Pre-press activities which are listed as having a small amount of VOC emissions.
- (c) Two (2) Parts Cleaners which are listed as having a small amount of VOC emissions.

A.4 FESOP Applicability [326 IAC 2-8-2]

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) to renew a Federally Enforceable State Operating Permit (FESOP).

A.5 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deletedby this permit.
- (b) All previous registrations and permits are superseded by this permit.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (a) One (1) Heidelberg offset lithographic printing press (Model CD102-7+LX) which is identified as press 7C40. This press has a maximum line speed of 583 feet per minute and a maximum printing width of forty (40) inches. This press was installed in 1996.
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(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.1.1 Volatile Organic Compounds (VOCs) [326 IAC 8-1-6] [326 IAC 2-8-4] [326 IAC 2-1.1-5]

- (a) The source shall not exceed a total of 96 tons of VOC being fed to the emissions units combined (presses 7C40, 6C56, 6C41, 6C56-2, 6C40, and 8C56-06) per 12 consecutive months with compliance determined at the end of each month. Compliance with this limit renders 326 IAC 2-7 and 2-1.1-5 not applicable.
- (b) The total VOC usage of UV coatings, blanket/roller washes, inks, fountain additives, isopropanol, cleaning materials, clean up solvents, alcohol substitute, and other coatings being fed to each emissions unit (presses 7C40, 6C56, 6C41, 6C56-2, 6C40 and 8C56-06) shall not exceed 24 tons per 12 consecutive months with compliance demonstrated at the end of each month. Therefore 326 IAC 8-1-6 does not apply.

D.1.2 Hazardous Air Pollutants (HAPs) [326 IAC 2-8-4]

The source shall not exceed 9 tons of any single HAP usage per 12 consecutive months with compliance demonstrated at the end of each month, nor shall the source exceed 24 tons of any combination of HAPs per 12 consecutive months with compliance demonstrated at the end of each month. Therefore 326 IAC 2-7 does not apply.

D.1.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities.

Compliance Determination Requirements

D.1.4 Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Condition D.1.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by tracking all VOC input (including but not limited to inks, solvents, additives, and clean-up solvents) by press. This data shall be compiled monthly and added to the previous 11 months to generate a 12-consecutive month total VOC fed to each press. IDEM, OAQ, and VCAPC, reserve the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.1.5 Hazardous Air Pollutants (HAPs)

Compliance with the HAP usage limitations contained in Condition D.1.2 shall be determined by tracking HAP usage monthly. Monthly data shall be added to the previous 11 months to generate a 12-consecutive month total HAP usage.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.1.6 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits established in Condition D.1.1.
- (1) The VOC content (weight percentage) of each material used per press.
 - (2) The amount of each material used less water on a monthly basis. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (3) The volume weighted VOC content of the coatings used for each month;
 - (4) The total VOC usage for each month; and
 - (5) The weight of VOCs emitted for each compliance period.
- (b) To document compliance with Condition D.1.2, the Permittee shall maintain records of HAP usage for each month. Records shall be complete and sufficient to establish compliance with the HAP usage limits established in condition D.1.2.
- (c) To document compliance with Condition D.1.3, the Permittee shall maintain of records of any additional inspections prescribed by the Preventive Maintenance Plan.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.7 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.1 and D.1.2 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR QUALITY
 COMPLIANCE DATA SECTION**

AND

VIGO COUNTY AIR POLLUTION CONTROL

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Press	Tons VOC this month	Tons VOC last 12 months
7C40		
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Month		
Month		
Month		
6C41		
Month		
Month		
Month 3		
6C56-2		
Month 1		
Month 2		
Month 3		
6C40		
Month 1		
Month 2		
Month 3		
8C56-06		
Month 1		
Month 2		
Month 3		

No deviation occurred in this month.

Deviation/s occurred in this month.

Deviation has been reported on _____

Submitted by: _____
 Title/Position: _____
 Signature: _____
 Date: _____
 Phone: _____

Attach a signed certification to complete this report.