

PRINTING OPERATIONS  
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET

RECEIVED

APR 24 2012

Facility Identification Number - If known (seven digit number)

0310549

0310549-002

DIVISION OF AIR

RESOURCE MANAGEMENT

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing permitted facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit). If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. (See "Surrender of Existing Air Operation Permit(s)" below.)
- Operates an existing facility not currently permitted or using an air general permit.

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C.
- Any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only, if Applicable

All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

\_\_\_\_\_

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

The Hartley Press, Inc.

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a complete registration must be submitted for each.)

\_\_\_\_\_

Facility Location (Physical location of the facility, not necessarily the mailing address.)

Street Address: 4250 St. Augustine Rd  
City: Jacksonville County: Duval

Zip Code: 32207-6644

Facility Start-Up Date (Estimated start-up date of proposed new facility.)(N/A for existing facility.)

9/1964

**Facility Contact**

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Mike Hartley / President

Facility Contact Telephone Numbers

Telephone: 904-398-5141 Fax: 904-858-6895  
Cell phone: 904-866-1366  
E-mail: accounting@thehartleypress.com

Facility Contact Mailing Address

Organization/Firm: The Hartley Press, Inc.  
Mailing Address: 4250 St. Augustine Rd  
City: Jacksonville County: Duval Zip Code: 32207-6644

**Correspondence Contact/Representative (to serve as additional Department contact)**

Name and Position Title

Print Name and Title: Lisa McConnaughey / Bookkeeping

Correspondence Contact/Representative Telephone Numbers

Telephone: 398-5141 Fax: 858-6895  
Cell phone: 866-1366  
E-mail: accounting@thehartleypress.com

Correspondence Contact/Representative Mailing Address

Organization/Firm: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_ Same as above  
City: \_\_\_\_\_ County: \_\_\_\_\_ Zip Code: \_\_\_\_\_

**Government Facility Code (check only one)**

- Facility not owned or operated by a federal, state, or local government.
- Facility owned or operated by the federal government.
- Facility owned or operated by the state.
- Facility owned or operated by the county.
- Facility owned or operated by the municipality.
- Facility owned or operated by a water management district.

**Number and Types of Printing Processes, Presses, and Ink Systems**

Check all that apply and provide the number of each:

- |   |             |  |             |
|---|-------------|--|-------------|
| <input checked="" type="checkbox"/> Heatset Offset Lithographic | <u>1</u>    | <input checked="" type="checkbox"/> Non-Heatset Offset Lithographic    | <u>7</u>    |
| <input type="checkbox"/> Screen or Letterpress                  | <u>    </u> | <input checked="" type="checkbox"/> Water Based <i>Aqueous Coating</i> | <u>1</u>    |
| <input type="checkbox"/> Flexographic                           | <u>    </u> | <input type="checkbox"/> Rotogravure                                   | <u>    </u> |
| <input checked="" type="checkbox"/> Digital                     | <u>2</u>    | <input checked="" type="checkbox"/> Ultraviolet Cured                  | <u>1</u>    |

**Initial Registration (Not Required for Re-Registration)**

Provide the method (mass balance or material usage rates) expected to be used to demonstrate compliance with Rule 62-210.310(4)(f)2., F.A.C. Provide the estimated amount of materials containing hazardous air pollutants and solvent-containing materials expected to be used over a 12-month period.

*See Attachment #1*

**Re-Registration (Not Required for Initial Registration)**

Provide the highest 12-month total quantity of materials containing hazardous air pollutants and the highest 12-month total quantity of solvent-containing materials used in the last five years to show compliance with sub-paragraph 62-210.310(4)(f)2.b., F.A.C. (material usage rates) or provide all calculations to show compliance with sub-paragraph 62-210.310(4)(f)2.a., F.A.C. (mass balance).

Using the Mass Balance approach we have estimated, through the materials we have purchased during the last 6 months, our annual consumption. Our Sheetfeed operation uses the following materials.

1. Vanson Ink. @ 32,964 lbs. annually
2. Kelstar Aqueous coating. @ 50,760 lbs. annually
3. Kelstar UV coating. @ 7,200 lbs. annually
4. Kelstar Fountain solution. @ 4,768 lbs. annually
5. Kelstar Blanket/roller wash. @ 18,150 lbs. annually

These are the products we currently use that contain measurable amounts of Volatile Organic Compounds (VOC's). We have determined thru MSDS sheets that none of these products contain measurable amounts of Hazardous Air Pollutants (HAP's).

We have estimated that our Web operation will use approx. 50% of what our Sheetfeed operation does of Ink, fountain solution And blanket/roller wash.

1. Ink @ 16,480 lbs. annually
2. Fountain solution @ 2,384 lbs. annually
3. Blanket/ roller wash @ 9,075 lbs. annually

These Quantities give us a total of 141,781 lbs. or 71 Tons annually. This quantity is if each pound is considered 100% VOC's., witch they are not. Considering this we are well under the 80 Ton limit we are required to be.

Breaking down these products further is as follows.

1. Vanson Ink @ 2.75 lbs./gal VOC's @ a density of 8.25lbs/gal = 35% VOC's per lbs. equating to 17,305 lbs. of VOC's consumed annually.
2. Kelstar Aqueous coating @ .22 lbs. / gal VOC's @ a density of 9.5 lbs./gal=10 % VOC's per lbs. equating to 5,5076 lbs. of VOC's consumed annually.
3. Kelstar UV coating @ 0 VOC's
4. Kelstar Fountain solution @ 3.11 lbs./gal VOC's @ a density of 8.67 lbs./gal = 40% VOC's per lbs. equating to 2,861 lbs. of VOC's consumed annually.
5. Kelstar Blanket/roller wash @ 6.55 lbs./gal VOC's @ a density or 6.7 lbs./gal = 100% VOC's equating to 27,225 lbs. VOC's consumed annually.

The above calculations give us a total of 52,467 lbs. or 26 Tons VOC's consumed annually.

Our Sheetfeed operation consists of 7 offset presses and 1 UV coater, our presses are listed below.

- ✓ 1. Ryobi 2800+T Head: running 1 shift per week, 40 hrs.
- ✓ 2. A B Dick+T Head: running 1 shift per week, 40 hrs.
- ✓ 3. Miller TP 104 2/color: running 1 shift per week, 40hrs.
- ✓ 4. Komori Lithrone 40 6/color: running 2 shifts per week, 80 hrs.
- ✓ 5. Komori Lithrone 40 5/color + Aqueous coater: running 2 shifts per week, 80hrs.
- ✓ 6. Komori Lithrone 20 5/color + Aqueous coater: running 2 shifts per week, 80hrs.
- ✓ 7. Man Roland 700 8/color + Aqueous coater: running 2 shifts per week, 80hrs.
- ✓ 8. Hock 40 UV coater: running approx. 20hrs. per week.

### Heat Set Web Press

- ✓ 1. Rotoman M 5/color:

This press is equipped with a Vits Sirius dryer which utilizes an afterburner. The afterburner is used to increase the efficiency of the dryer and reduce emissions. The dryer uses natural gas to fire and as the press runs the afterburner burns and re-burns the solvents released from the inks minimizing the amount of VOC's emitted into the atmosphere to less than 20 mg/m<sup>3</sup> at 100% capacity.

Estimated annual consumption of Pressroom products as of 08/01/07

Vanson Ink: per month = 4,120 lbs., per year = 49,444 lbs.

Kelstar Aqueous coating: per month = 4,230 lbs., per year = 50,760 lbs.

Kelstar UV coating: per month = 600 lbs., per year = 7200 lbs.

Kelstar Fountain solution: per month = 596 lbs., per year = 7152 lbs.

Kelstar Blanket/roller wash: per month = 2,268lbs., per year = 27,225 lbs.

Volatile Organic Compound (VOC,s) Calculations for these products.

Vanson Ink: 2.75 lbs. / gal. @ a density of 8.25 lbs./ gal. = 35% VOC,s

Kelstar Aqueous coating: .22 lbs. / gal. @ a density of 8.65 lbs. / gal. = 10% VOC,s

Kelstar UV coating: no measurable VOC,s

Kelstar Fountain solution: 3.11 lbs. / gal. @ a density of 8.67 lbs. / gal. = 40% VOC,s

Kelstar Blanket/roller wash: 6.55 lbs. / gal. @ a density of 6.7 lbs. / gal. = 100% VOC,s

# HARTLEY

The Hartley Press, Inc.

4250 St. Augustine Road

Jacksonville, Florida 32207



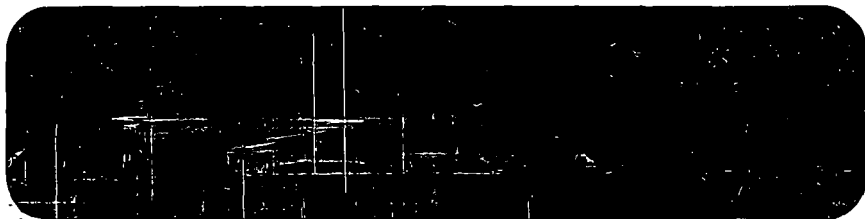
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