

Florida Department of **Environmental Protection**

Bob Martinez Center 2600 Blair Stone Road Tallahassee, Florida 32399-2400 Charlie Crist Governor

Jeff Kottkamp Lt. Governor

Michael W. Sole Secretary

July 9, 2008

Mr. Douglas Minkel AAA Printing, Incorporated 6801 114th Avenue, North Largo, Florida 33773

Dear Mr. Minkel:

This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your facility was received on June 4, 2008. We have assigned ARMS No. <u>1030488-008</u> to this facility.

As you know, pursuant to Florida Statutes section 403.814, authority to operate under general permits commences thirty days after receipt of the registration form unless you have been notified by this office that your facility has not shown entitlement to operate pursuant to the rule provisions.

For your information, authority to operate pursuant to Rule 62-210.310 expires after 5 years. Therefore, a new registration form must be received no later than 5 years after the date your notice was received as indicated above. If your general permit rule conditions require testing, such testing must be completed within the time frame specified in the rule.

If you have any additional questions, please contact Dickson Dibble at 850/921-9586.

Sandra F. Veazey, Chief Bureau of Air Monitoring

and Mobile Sources

SFV/pg

cc: Mr. Gary Robbins, Pinellas County

Southwest District

PRINTING OPERATIONS AIR GENERAL PERMIT REGISTRATION FORM

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to 62-4.050, F.A.C. (\$100 as of the effective date of this form)

Registration Type 1030 488-008 0 3
Check one:
Check one: INITIAL REGISTRATION - Notification of intent to: Construct and operate a proposed new facility. Operate an existing 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).
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., or 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 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. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.
All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):
☐ No air operation permits currently exist for this facility.
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.) AAA Printing, 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 registration form must be completed for each.) AAA Printing
Facility Location (Provide the physical location of the facility, not necessarily the mailing address.) Street Address: 6801 114th Avenue North
City: Largo County: Pinellas Zip Code: 33773

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

Owner/Authorized Representative

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: Douglas Minkel, Corporate Secretary

Owner/Authorized Representative Mailing Address

Organization/Firm: AAA Printing, Inc.
Street Address: 6801 114th Avenue North

City: Largo

County: Pinellas

Zip Code: 33773

Owner/Authorized Representative Telephone Numbers

Telephone: (727) 544-0767 x 535

Fax: (727) 544-0765

Cell phone (optional):

Facility Contact (If different from Owner/Authorized Representative)

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

Print Name and Title: Same as above

Facility Contact Mailing Address

Organization/Firm: Street Address:

City:

County:

Zip Code:

Facility Contact Telephone Numbers

Telephone:

Fax:

Cell phone (optional):

Owner/Authorized Representative Statement

This statement must be signed and dated by the person named above as owner or authorized representative

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this registration

Signature

5/27/08 Date

JUN 02 2008

Printing Process/InkType(s)		
Check all that apply: ☐ Heatset Offset Lithographic ☐ Screen or Letterpress	 ⊠ Non-Heatset Offset Lithographic ⊠ Water Based 	☐ Digital ☑ Ultraviolet Cured
Flexographic	Rotogravure	⊠ Olhaviolet Culeu
Compliance Assurance - Initial Registrat	tion (Not Required for Re-Registration)	
Below, or as an attachment to this form, pro- used to demonstrate compliance with Rule containing hazardous air pollutants and solve	62-210.310(4)(f)2., F.A.C. Provide the es	timated amount of materials
The calculation methodolgy to be us 210.310(4)(f).a F.A.C., emission lim attached spreadsheet tracks all raw r and Individual HAP's. Usage is calculated to the calculation of the calculation methodolgy to be us 210.310(4)(f).a F.A.C., emission lim attached spreadsheet tracks all raw r and Individual HAP's.	nits of less than 80% of the major so materials usage and calculates Total	ource thresholds. The VOC's, Total HAP's,
Since the facility has only been open June 2007, an actual 12-month usage extrapolation of the available data all permit indicates that the facility's V0 the eligibility thresholds. The usage spreadsheet. The spreadsheet shows facility's existing FESOP recordkeep the Air General Permit calculation in control device's destruction efficience.	e and emissions total cannot be detected llowing for 1000% growth over the OC and HAP usage and emissions we and emissions estimates are attach the actual usage and emissions calculated ping requirements as well as the expention of the expension of the expensio	ermined. However, an 5-year life of the will remain well below ed as a separate culations under the pected emissions using

Compliance Determination - Re-Registration (Not Required for Initial Registration)													
Below, or as an attachment to this form, 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-subparagraph 62-210.310(4)(f)2.b., F.A.C. (material usage rates) or													
provide all calculations to show compliance with sub-subparagraph 62-210.310(4)(f)2.a., F.A.C. (mass balance).													
N/A													

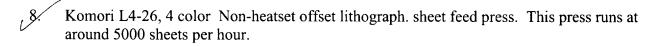
Description of Facility

Below, or as an attachment to this form, provide a description of the printing operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Information should include a description of the number and types of printing processes, presses and ink systems being used at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

- 1. The process inks used contain VOC's but no HAP's, and are delivered directly to the ink units automatically from sealed totes via a pumping system. The specialty inks are manually added to the ink units, and some contain solvents with HAP's.
- 2. Harris M1000 6-unit heatset 38" web press This press operates at around 800 feet per minute, and is equipped with a single-chamber, dual-control oven that is routed to a Thermal Oxidizer which operates at approximately 1300 deg F. The process inks used on this press contain VOC's. Some of the specialty inks used on this press also contain HAP's.
- 3. UV Coater This coater uses low VOC (0% 5%) coatings. No solvent is used in this process other than the small quantity of Isopropyl Alcohol used to clean the unit.
- 4. The application of the Blanket Wash is done manually with rags. The solvent-soaked rags are stored in closed, fireproof containers throughout the press room prior to disposal. The Fountain Solution(s) are diluted with water and are automatically delivered to the wells via a closed-loop pumping and chilling system.
- 5. Pre-Press and plate preparation Aqueous developers and replenishers are used on the plates. These solutions are released to the POTW with only pH neutralization required prior to release.
- 6. The Bindery operations only involve cutting, folding, and stitching. No gluing is done at the facility. Paper scrap from the stitcher is routed to the compactor via ductwork and a vacuum system. All other paper scrap is manually delivered to the compactor.
- 7. All VOC and HAP containing raw materials and waste are stored in closed containers when not in use

(New equipment list continued on following page)

Added Equipment to the Inventory of Facility # 1030488.



- 9. Komori L6-26, 6 color non-heatset offset lithographic sheet feed press. This press runs at around 8000 sheets per hour.
- 10. Royobi, 1 color non-heatset lithographic sheet feed press. This press runs at around 3000 sheets pre hour.
- 11. Royobi, 2 color non-heatset lithographic sheet feed press. This press runs at around 5000 sheets per hour.
- Halm jet press, 1 color non-heat set lithographic envelope press. This press runs at around 20,000 sheets per hour.
- 13. AB Dick paper plate maker
 - 14. Diddie conserver 11"web press. 2 color non-heat set lithographic press. This press runs at around 25,000 sheets per hour.

RAW MATERIALS/ <u>HAPs</u>	lb/gál	% VOCs	lb/gal VOCS	% HAPs	lb/gal HAPs	JUN 2007	JUL 2007	AUG 2007	SEPT 2007	ОСТ 2007	NOV 2007	DEC 2007	JAN 2008	FEB 2008	MAR 2008	APR 2008	TOTAL USAGE	Units	Lb/Yr Total VOC Emits	voc	Lb/Yr HAP Emits	TPY HAP Emits	General Permit Actual VOC TPY	General Permit Actual HAP TPY	1000% Growth GP VOC TPY	1000% Growth G HAP TPY
			F1F1F1F1F1		11.5.1.1.1.1		L	HEATS	ET PR	FSSES	INKS	L			!	L			[.*.*.*.*.*.*.*.	Emits		1.7.7.7.7.7.7.7.7	VOC IPY		KS	
Red H/S Process Ink (Tote)	8.36	41.2%	3.44	12.22.22.2	52227	354	657	371	698	97	980	157	238	507	645	489	4704	lbs	1547.84	0.774	1414141414141	1000000	0.969		9.690	
Yellow H/A Process Ink (Tote)	7.96	42.2%	3.36			381	708	560	506	347	1012	276	321	482	687	309	5280	lbs	1783.29	0.892	1.1.1.1.1.1.1.1.1		1.114		11.141	
Black H/S Process Ink (Tote)	8.25	40.6%	3.35			496	920	92	585	1127	862	208	342	448	660	743	5740	lbs	1833.25	0.917			1.165		11.652	14141414
Blue H/S Process Ink (Tote)	8.27	42.1%	3.48		11.11.11	255	474	556	448	283	838	231	298	536	622	476	4541	lbs	1551.30	0.776			0.956		9.559	
Cold Black Process Ink (Kit)	8.5	24.0%	2.04									 				30	30	ibs	7.20	0.004			0.004	-1414-1414	0.036	
Roto Process Cyan (Kit)	8.4	19.0%	1.60									 	<u> </u>	· · · · · · ·		15	15	lbs	2.85	0.001			0.001		0.014	
Roto Process Magenta (Kit)	8.4	19.0%	1.60									<u> </u>				15	15	lbs	2.85	0.001			0.001		0.014	
Roto Process Yellow (Kit)	8.4	19.0%	1.60									 				15	15	ibs	2.85	0.001			0.001		0.014	
TA-5333 H/S Purple	8.44	30.2%	2,55							<u> </u>		 					0	lbs	0.00	0.000			0.000		0.000	
TA-5011 H/S PMS Violet	8.29	31.4%	2.60				·					├					0	lbs	0.00	0.000			0.000		0.000	
Cobalt Compounds	2.737.	1.000	1. H17 7 1.	1.0%	0.08				·									1			0.00	0.000		0.000		0.000
TA-1392 H/S 1525 Orange	1.96	30.0%	0.59	144444	-1-1-1-1-1	8	14										22	lbs	4.62	0.002	14.000		0.003	-1-1-1-1-1-1	0.033	-1
TA-5731 H/S 300 Blue	8.4	31.4%	2.64							 		†					0	lbs	0.00	0.000			0.000		0.000	
Cobalt Compounds		1	1111.	1.0%	0.08						, ĝ	† · · · · ·									0.00	0.000		0.000	<u> </u>	0.000
TA-2259 H/S PMS 350 Green	5.63	25.3%	1.42	11,1,1,1,1			15			l	क्र						15	lbs	2.66	0.001			0.002		0.019	
TA-4814 H/S PMS 032 Red	8.55	28.3%	2.42								تُق	1					0	lbs	0.00				0.000		0.000	
		1,1,1,1,1,1,1,1	100000000			$\overline{}$					Q.	90					a	lbs	0.00	0.000			0.000	Bara Baid	0.000	
TA-1051 H/S Coated 201 Maroon	7.08	29.3%	2.07	144444					<u> </u>	<u> </u>	M		جــــــا		ļ										121212121212121	120000000000000000000000000000000000000
TA-2264 O/S Laser 185 Red	9.02	12.0%	1.08							ļ	æ	2	12				0	lbs	0.00	0.000			0.000		0.000	
Manganese Compounds				5.0%	0.45					<u></u>	12	S)	**					J			0.00	0.000		0.000	<u> </u>	0.000
Cobalt Compounds				1.0%	0.09						3	\circ	₹.					ļ			0.00	0.000		0.000		0.000
TA-771 H/A Reflex Blue	7.999	31.2%	2.50	41-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-						5.	<u> </u>	-	80				0	lbs	0.00	0.000			0.000		0.000	
Cobalt Compounds				1.0%	0.08					W		5	€								0.00	0.000		0.000		0.000
TA-452 O/S PMS 187 Red	1.002	8.2%	0.08							0	~	5	ğ				0	lbs	0.00	0.000			0.000		0.000	
Manganese Compounds				5.0%	0.05					B		<u> </u>	•								0.00	0.000		0.000		0.000
Cobalt Compounds				1.0%	0.01					d	<u> </u>	l						<u> </u>			0.00	0.000		0.000		0.000
TA-546 O/S PMS 199 Red	8.39	8.0%	0.67														0	lbs	0,00	0,000			0.000		0.000	<u> </u>
Manganese Compounds				5.0%	0.42																0.00	0.000		0.000		0.000
Cobalt Compounds				1.0%	0.08																0.00	0.000		0.000		0.000
TA-1737 H/S Laser Rhod Red	8.538	29.8%	2.54														0	lbs	0.00	0.000			0.000		0.000	
Cobalt Compounds				1.0%	0.09						L							<u> </u>			0.00	0.000		0.000		0.000
TA-435 O/S PMS 541 Blue	1.002	16.5%	0.17			19	36					<u> </u>					55	lbs	6.35	0.003			0.005		0.045	
Manganese Compounds				5.0%	0.05													<u> </u>			1.93	0.001		0.001		0.014
Cobalt Compounds				1.0%	0.01													<u> </u>			0.39	0.000		0.000		0.003
TA-141 O/S PMS 186 Red	8.698	11.7%	1.02									<u> </u>	l				0	lbs	0.00	0.000			0.000		0.000	
Manganese Compounds				5.0%	0.43																0.00	0.000		0.000		0.000
Cobalt Compounds				1.0%	0.09																0.00	0.000		0.000	.	0.000
SC-5015 PMS Transwhite	8.194	8.4%	0.69												L		0	(bs	0.00	0.000	-:-:-::::::::::::::::::::::::::::::::::		0.000		0.000	1366661
Cobalt Compounds				1.6%	0.13							I						L			0.00	0.000		0.000	<u></u>	0.000
TA-4870 H/S Pro Red	8.095	36.6%	2.96														0	lbs	0.00	0.000			0.000		0.000	0.1919111
TA-4871 H/S Pantone Blue	8.187	31.4%	2.57														0	lbs	0.00	0.000			0.000		0.000	
Cobalt Compounds				1.0%	0.08																0.00	0.000		0.000		0.000
			44444															<u>Jacail</u>								
						H	EATSE	T PRE	SSES A	ALLIED	CHEM	ICALS											ļ	ALLIED C	HEMICALS	
Solvent 100 Blnkt/Wash (gal)	7.09	100.0%	7.09			11	19	25									390	lbs	194.98	0.097	1444		0.195		1.950	
Xylene (1330-20-7)				9.0%	0.64																17.55	0.009		0.018		0.175
Cumene (98-82-8)				3.0%	0.21																5.85	0.003		0.006	L	0.058
ProWash MRC (gal)	6.935	100.0%	6.94				3	1	10.5	61	3	55	55	2	0.5	0.5	1325	ibs	1052.39	0.526			0.652		6.623	
Toluene (108-88-3)				50.0%	3.47																526.19	0.263		0.331		3.311
Methanol (67-56-1)				25.0%	1.73																263.10	0.132		0.166		1.656
Prima Wash WM BI/Wash (gal)	6.93	100.0%	6.93							103	87	32	8	66	52	53	2412	.lbs	1753.29	0.877			1.206		12.058	
Xylene (1330-20-7)				1.0%	0.07																17.53	0.009		0.012		0.121
Unitrol 924 Fountain Sol'n (gal)	8.9	7.0%	0.6186			4	6	18	13	80	56	48	23	60			2741	lbs	157.67	0.079			0.095		0.953	<u> </u>
Diethylene Glycol Monobutyl Ether (112-34-5) (Gly Ether)				7.0%	0.62																158.80	0.079		0.096		0.959
PrintEasy 4050 Fountain Solution (gal)	9.1	8.5%	0.77														0	lbs	0.00				0.000			
Ethylene Glycol (107-21-1)				10.0%	0.91					†								1	1		0.00	0.000		0.000	[0
Ethylene Glycol Monobutyl Ether (111												1									0.00	0.000		0.000		
76-2) (Gly Ether)				5.0%	0.46					ļ	L	ļ	<u> </u>					ļ			0.00	0.000		0.000	1.121.0.1.1	0
Isopropanol (gal)	6.55	100.0%	6.55	reterete. 🗆		l '	2	1.5	0.5	0.5	1.5	1.5	0.5	2	1	1 1	72	lbs	72.05	0:036		haaaaa lab	0.036	podrijelelele	0.360	politicistic

RAW MATERIALS/ <u>HAPs</u>	lb/gal	% VOCs	lb/gal VOCS	% HAPs	lb/gal HAPs	JUN 2007	JUL 2007	AUG 2007	SEPT 2007	OCT 2007	NOV 2007	DEC 2007	JAN 2008	FEB 2008	MAR 2008	APR 2008	TOTAL USAGE	Units	Lb/Yr Total VOC Emits	TPY Total VOC Emits	Lb/Yr HAP Emits	TPY HAP	General Permit Actual VOC TPY	General Permit Actual HAP TPY	1000% Growth GP VOC TPY	1000% Growth GF HAP TPY
Prisco E-Cure 109F UV Coat	8.76	0.0%	0.00		1000000			1	82	120	12	29	62				305	lbs	0.00	0,000	199616		0.000	1444445	0.000	100000000000000000000000000000000000000
UVC-10333 UV Coating(Wikoff)	9.103	4.5%	0.41	100000	1444	12	28	80		·	 		l				120	lbs	5.40	0.003		1-1-1-1-1-1-1	0.003		0.027	
970-UV-4090 CD	9.179	1.1%	0.10	53.5	100000											135	0	Ibs	0.00	0.000	*.*.*.*.*.		0.000			
A.C.E. Plate Cleaner (gal)	8.512	35.0%	2.98	100000		1	2	1		0.5		0.25	·		0.5		45	ibs	15.64	0:008			0.008		0.078	
Ultranox Antiskin for Inks (oz)	6.576	90.0%	5.92		100000						 		-				0	(bs	0.00	0.000			0.000	*.*.*.	0.000	1.7.1.1.1.1.1.1.1
Eurofin Plate Gum (oz)	9.013	2.0%	0.18		122333												0	Ibs	0.00	0.000			0.000		0.000	
Lithocleaner R (Blnkt wsh)(gal)	6.63	100.0%	6.63				<u> </u>		15	35	55	15	40				1061	lbs	712.73	0.356			0.530		5.304	
Xylene (1330-20-7)	1			2.5%	0.17			 										1		7.5.55	17.82	0.01		0.013	1	0.133
Cumene (98-82-8)	1			2.5%	0.17			1													17.82	0.01	 	0.013	\vdash	0.133
	13333	1777	100000																	14.4.404(4)4		0.01		0.015		
	100000	4141414	-1-1-1-1																1.	*******	· · · · · · · · · · · · · · · · · · ·					1.
					1			 		<u> </u>	COLDS	SET PRE	SSES IN	K S			3	<u> </u>	· · · · · · · · · · · · · · · · · · ·				<u> </u>	7 .	1	
Prima Ultra Gloss Black (Kg)	9.295	0.0%		1	1				40	70	130	50	60	100			204.55	lbs	0.00	0.000		F-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	0.000		1	1.7.1.1.1.1.1.1
Prima Ultra Gloss Cyan (Kg)	9.295	0.0%					 -	 	30	60	130	30		70			177.27				*****				1,000	
Prima Ultra Gloss Magenta (Kg)	9.295	0.0%			1			 	30	50	110	50	70 50	50			154.55	lbs	0.00	0.000			0.000	 		
Prima Ultra Gloss Magenta (kg)	9.295	0.0%		1.1.1.1.1.1.1.				\vdash	50		160		_				213.64	lbs	0.00	0.000	<u></u>		0.000			1.
	1 1 1 1 1 1 1								30	60	100	60	50	90				lbs	0.00	0.000			0.000			
Metaprint HGA Low VOC 877 Silver (Kg)	9.295	12.0%	1,12														0.00	ibs	0.00	0.000			0.000			
Metaprint HGA Low VOC 873 Gold (Kg)	9.295	0.0%	0.00														0.00	lbs	0.00	0.000			0.000			
Ultracolour Offset Metallic Pantone Inks (Kg)	N/D	0.0%	0.00								3			2			2.27	lbs	0.00	0.000			0.000			
PMS Pantone Inks (Kg)	9.295	0.0%	44444		1111111						7.5		7.5	10			11.36	lbs	0.00	0.000			0.000			
Ultracolour Offset Ink (Kg)	10.14	0.0%									37.5		4	7.5			22.27	lbs.	0.00	0.000			0.000			1,1,1,1,1,1,1,1
(,	100000	112.2.2.2.2	3.00								37.10									0.000			0.000			
	<u> </u>				لننننا			<u> </u>		COLD	SET PRE	SSES AL	LIED CH	EMICAL	<u> </u>		<u> </u>	لنبتيتينا						L.,		-
VWM Blanket Wash (gal)	7.27	6.7%	0.49		1,1,1,1,1,1									1			0.00	ibs	0.00	0.000		(1,1,1,1,1,1,1)	0.000	I de la companya de	1000000000	10,0,0,0,0,0,0
Xylene (1330-20-7)	1	0,, 10	. 5,75.	1.6%	0.12												0.00		0,00	. 0,000.	0	0	0.000	0.000		
Cumene (98-82-8)	1			1.0%	0.07													 			0	0			 	0.000
Blanket Hardener JK-162 (gal)	6.93	96.0%	6.65	1.076	0.07												0.00		0.00	0.000			0.000	0.000		0.000
Methanol (67-56-1)	0.33	30.0.70	0.03	5.0%	0.35												0.00	ibs	0.00	0.000			0.000		.1.1.1.1.1.1.1.1.1.	0.000
Glycol Ethers	1-			5.0%	0.35									——— 		-					0	0		0.000		0.000
Toluene				3.0%	0.35 0.21													\vdash			0	0		0.000	 	0.000
Xylene (1330-20-7)	1-	<u> </u>		55.0%	_																0	0		0.000	 	0.000
MIBK (108-10-1)	 			5.0%	3.81 0.35		<u> </u>														0	0		0.000		0.000
Advantage Optimum Plus Fountain	·			3.0%	0.35		ļ														0	0		0.000		0.000
Solution (gal)	8.197	50.0%	4.10											- 1			0.00	lbs	0.00	0.000			0.000			
Glycol Ethers	1			50.0%	4.10																0	0		0.000		0.000
Solafount AF20 (Fount Sol'n) (L)	8.45	40.0%	3.38		414.414.414												0.00	(bs	0.00	0.000			0.000			
Ethylene Glycol (107-21-1)	1.77.17.1			10.0%	0.85																0	0	0.000	0.000	1,1,1,1,1,1,1,1,1	0.000
Glycol Ethers	1-			30.0%	2.54																0	0		0.000	 	
PRBCC (Cylinder Cleaner) (gal)	8.43	35.1%	2.96	30.0 76	2.34												0.00	lb.c		0.000			0.000	0.000	—	0.000
True Blue Plate Cleaner (gal)	8.79	23.9%	2.10	1.1.1.1.1.1.1.1.1		-					-	-			\longrightarrow		0.00	lbs	0.00	0.000			0.000			
Ink Readi (oz)	6.25	73.6%	4.60						-								0.00	ibs	0.00				0.000			
Ultracolor Super 88 Varn.	8.8	1.1%					-			32	48								0.00	0,000						
Ultrashine Varnish (gal)	8,8	1.1%	0.10							5	10	5	13.5			- l	80.00	lbs	0.88	0.000		100000000000000000000000000000000000000	0.000			
ordasimie varnish (gar)	8,6	1.1%	0.10								10	-	13.5	5	5		382.80	ibs	4.21	0.002			0.002			1,1,1,1,1,1,1,1,1
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RAW MATERIALS/ <u>HAPs</u>	lb/gal	% VOCs	lb/gal VOCS % H	Ib/g HAI	al JUN \$ 2007	JUL 2007	AUG 2007	SEPT 2007	ОСТ 2007	NOV 2007	DEC 2007	JAN 2008	FEB 2008	MAR 2008	APR 2008	TOTAL USAGE	Units	Lb/Yr Total VOC Emits	TPY Total VOC Emits	Lb/Yr HAP Emits	TPY HAI	General Permit Actual VOC TPY	Actual	1000% Growth GP VOC TPY	1000% P Growth GP HAP TPY
						*	** SU	MMAR	Y DA	TA **	¥											GENER	AL PERMI	T SUMMA	RY DATA
	~~~~											A		******************				·		,	L., 2/44	TPY @ Cu	ırrent Prod.	TPY @ 100	10% Growth
		-	Total	Raw Mat	rial Usag	e in Pou	nds									30649	T					VOC's	HAP's	VOC's	HAP's
																						1.1.1.1.1.1.1		11111111111	
				Total VO	C Emissio	ns (lbs/	yr and t	ons/yr)								· -		10714.29	5.357			6.95965	10000000	69.57104	2000
																				•		444444			Francisco.
					Total H	AP Emis	sions (Ib	s/yr and	tons/y	r)										1026.97	0.513		0.65629		6.56287
																					_				
							. 1	ndividu	al HAPs													Individu	al HAP TPY	Individua	al HAP TPY
																				(b/yr	TPY	1			
Cobalt Compounds						I														0.39	0.000		0.00028		0.00275
Manganese Compounds																				1.93	0.001		0.00138		0.01375
Xylene (1330-20-7)																				52.90	0.026		0.04287		0.42866
Toluene (108-88-3)																				526.19	0.263		0.33115		3.31146
Methanol (67-56-1)					Ĭ												T			263.10	0.132	300000	0.16557	14141414141	1.65573
Cumene (98-82-8)				I																23.67	0.012		0.01911		0.19109
Ethylene Glycol (107-21-1)	,																			0.00	0.000		0.00000	1111111111	0.00000
Glycol Ethers										I	i	i				I				158.80	0.079		0.09594		0.95942
Diethylene Glycol Monobuty	l Ether (112-	-34-5)				T																	1,		3333333
Ethylene Glycol Monobutyl E	ther (111-7	6-2)																				NEED NEED N			
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RAW MATERIALS/ <u>HAPs</u>	lb/gal	% VOCs	lb/gal VOCS	% HAP	ib/gal HAPs	JUN 2007	JUL 2007	AUG 2007		ОСТ 2007	NOV 2007	DEC 2007	JAN 2008	FEB 2008	MAR 2008	APR 2008	TOTAL USAGE	Units	Lb/Yr Total VOC Emits	TPY Total VOC Emits	Lb/Yr HAP Emits	TPY HAP Emits	General Permit Actual VOC TPY	General Permit Actual HAP TP	Growth G	1000% P Growth (HAP TP
·····				!	<u> </u>	!	CA	LCULA	TION	4ETHO	DOLO	GY			!		ì	<u> </u>	!	1			CALC		METHOD	
	Τ	i	1			1	1	1	1	1	1		1	i	i	i	i i	ı	ĺ	ı	I	i	1	(GEN'L	PERMIT)	1
														2 Emis	sions	Factor	for heats	et lit	hography.	The va	lues abo	ve	İ			
INKS	Decer	t 30% s mber 20	07 and	Forwa	rd: FES	SOP co	nverte	d to a	n Air G	eneral	Perm	t - Ink	VOC a	and HA	P emis	ssions	were cal	culate	d without	using a	ny mitig	ating	Per ti	ne condit	ions of op	perating
	racto	rs per th	e conc	litions (of the A	ir Gene	eral Pe	rmit.	ļ		Ī	i		ï	1	ı	ī	ı	1	ì	1		under	an Air G	ieneral Pe	ermit, no
		1					ļ		<u> </u>							<u> </u>		ļ							ors or Cor ncies were	
	June	- Novem	ber 20	007: BI	anket V	Vash V	OC and	HAP	emissi	ons w	ere cal	culated	usin	g the M	lanual	Applic	cation AP	42 E	missions F	actor fo	or heatse	t			nal VOC a	
BLANKET WASHES	lithog	raphy. mber 20	The va	lues at	ove ref	lect a S	0% re	etentic	on of se	olvent	in the	applica t - Blac	ation r	rags an	nd 50%	6 relea	emission	nissio	ns. e calculate	d with	nut usino	anv			es in thes	
		ating fac																		111(11)	Zar using	,,		ins equa isage va	i <u>total</u> VO	C and
		<u> </u>	 	<u> </u>		 	ļ		ļ					<u> </u>	ļ		<u> </u>		1	<u> </u>			'	.sage va	ucs.	
	lune	- Nove-	her 20	107: Fa	untain	Solveto	n VAC	and t	IAD ac-	leeloo	E Was	cale	3404.	icina E	DO AP	43 5-	leele-e -	2010	for heatse	4 list		-	ļ			
FOUNTAIN SOLUTIONS	value	s above	reflect	t a 30%	substr	ate ret	ention	and 7	70% re	leased	i as en	nission	s.											-	-	
	Decer	mber 20 nitigatin	07 and	Forwa	rd: FES	OP cor	of the	d to a	n Air G	eneral Permi	Permi	t - Fou	ntain	Solutio	on VOC	and I	IAP emis	ions	were calcu	lated y	<u>vithout</u> u	sing				
							J. 1116	, <u>, , , , , , , , , , , , , , , , , , </u>			<u></u>			<u> </u>												
	-		<u> </u> 	-		1					<u> </u>	 		<u> </u>	<u> </u>		-	<u> </u>								
ALL OTHER RAW MAT'LS		ESOP & A									ns wer	e calcu	lated	withou	ıt emis	ssions	factors.	In the	case of t	nese ra	w materi	als,				
	1000	III TIAF				lo the	100 a	l la	r usay	<u>.</u>	i					i								<u> </u>	-	
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NOTE:		cordance encies w								nit (bo	th the	FESOF	and 1	the Air	Gener	ral Per	mit), no (ontro	ol Device c	apture	and dest	ruction				
	Cinci		l as	Cu to It	Souce ti		310113	Герог	leu.			<u></u>				ļ					j					
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Florida Department of Environmental Protection Cash Receiving Application (CRA) Cashlisting by Deposit #: 281701 thru 281701 Printed: 6/5/2008 4:27:20 PM - Page 8

Cashlisting: Deposit No: · 68891

Cashlist Area:

3755

Description: DIV OF AIR RESOURCES MGMT.

Date Deposited: 06/05/2008 281701

Contact: E. WALKER

<u>Object</u> 002272	Transmittal	Dep <u>DDN</u>	Receipt Number 627480 627481	Name AAA PRINTING 1030488-008 X-PRESS MATERIALS	Check Number 001427 8253	\$100.00	dille a mail	Payment Number 884152 884153	Remittance Number 784244 784245	Fund Grant PFTF PFTF
			,	Object Code 002272 Subtotal:		\$200.00				
002309	48829	483712	627375	ORANGE COUNTY, BOCC	0000683466	\$610.00		884118	784031	PFTF
			•	Object Code 002309 Subtotal:		\$610.00				
				Cashlisting 68891 Total:		\$810.00				

AAA Printing, Inc.

FLA. DEPT OF ENVIROMENTAL PROTECTION Licenses and permits

5/30/2008

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Dopt Of Environmental Protection

JUN 02 2008

Southwest District