



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

April 18, 2007

Mr. Kenneth Darrow
Rex Corporation
136 Eastport Road
Jacksonville, Florida 32218

Dear Mr. Darrow:

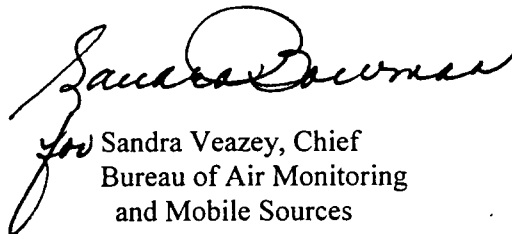
This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your facility was received on March 12, 2007. We have assigned ARMS Number 0310327-004 to this facility.

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.

Sincerely,



Sandra Veazey, Chief
Bureau of Air Monitoring
and Mobile Sources

SV/pg

cc: Mr. Wayne Tutt, Duval County

3755
2272

470885 MAR 12 2007

PRINTING OPERATIONS AIR GENERAL PERMIT REGISTRATION FORM

RECEIVED
MAR 15 2007
Air Quality Monitoring
& Mobile Sources

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 Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

Registration Type

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):
0310327-003-AC
- No air operation permits currently exist for this facility.

0310327-004

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.)

Rex Corporation

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.)

Rex Corporation

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

Street Address: 136 Eastport Road

City: Jacksonville

County: Duval

Zip Code: 32218

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: Kenneth Darrow

Owner/Authorized Representative Mailing Address

Organization/Firm: Rex Corporation

Street Address: 136 Eastport Road

City: Jacksonville

County: Duval

Zip Code: 32218

Owner/Authorized Representative Telephone Numbers

Telephone: (904) 751-7288

Fax: (904) 757-5353

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: Tom Gillis

Facility Contact Mailing Address

Organization/Firm: Rex Corporation

Street Address: 136 Eastport Road

City: Jacksonville

County: Duval

Zip Code: 32218

Facility Contact Telephone Numbers

Telephone: 751-7223

Fax: 757-5353

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 form.


Signature

3/8/07
Date

Printing Process/InkType(s)

Check all that apply:

- Heatset Offset Lithographic
- Screen or Letterpress
- Flexographic

- Non-Heatset Offset Lithographic
- Water Based
- Rotogravure

- Digital
- Ultraviolet Cured

Compliance Assurance - Initial Registration (Not Required for Re-Registration)

Below, or as an attachment to this form, 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 "A"

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).

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.

See attachment "B"

Appendix A

| VOC Consumption for Year 2006 | Purchased from: | VOCs lbs/gal | Comments | Weight/ gal/lbs | Quantity Purchased Gallons | Emission Factor | | |
|----------------------------------------------------------------------|-------------------|-----------------|----------|-----------------|----------------------------|--------------------------------------|----------|------------------|
| Alkaless V (Alcohol Replacement) | Prisco | 7.460 | Press | gal | 495 | 100% | 3,692.7 | |
| Fountain Concentrate 2451 | Prisco | 0.840 | Press | gal | 1045 | 100% | 877.8 | |
| Fountain Concentrate 2451 Plus 2g | Prisco | 1.820 | Press | gal | 220 | 100% | 400.4 | |
| Auto Wash UM (7395) | Anchor | 6.510 | Press | gal | 3105 | 100% | 20,213.6 | |
| Phazer Wash (7485) | Anchor | 7.780 | Press | gal | 330 | 100% | 2,587.4 | |
| 7800 A-310 | Anchor | 6.350 | Press | gal | 385 | 100% | 2,444.8 | |
| Alcohol | Prisco | 6.550 | Press | gal | 110 | 100% | 720.5 | |
| Metering Roller Cleaner | Anchor | 5.910 | Press | gal | 440 | 50% | 1,300.2 | |
| Infinity Wash | Tower | 6.570 | Press | gal | 55 | 99% | 357.7 | |
| Matte UV Coating (CU-051-MG5) | Cork | 0.044 | Press | * | 165 | 100% | 7.3 | |
| EEZY Klene | Printers' Service | 0.810 | Press | lbs | 30 | 100% | 24.3 | |
| WD40 | Granger | 3.810 | Press | gal | 0 | 100% | 0.0 | |
| SPC Klean | Firoida Pet. | 0.950 | Press | gal | 110 | 50% | 52.3 | |
| Waste solvent taken away (45% of total) | | 6.510 | Press | gal | -2200 | 25% | -3,580.5 | |
| | | | | | | | | |
| | Inks | | | | | | | |
| | Conventional | Wikoff/Hostmann | 18.7% | Press | lbs | 31,449 | 5% | 294.0 |
| | | | | | | | | 29,372.4 |
| | | | | | | | | 14.7 Tons |
| | | | | | | | | |
| | OZONE | | | | | GALLONS | | |
| formula | | | | | | | | |
| lbs / T days worked = #per shift ozone | | | | | | Annual emissions X 13.96 = # Gallons | | |
| Total days worked for the year = | 260 | | | | | 205 GALLONS | | |
| 29,372 | 260 | = | 113 | | | | | |
| VOC Lbs/ year | T. days worked | | lbs/days | | | | | |
| | | | | | | | | |
| * Changed formula to represent # of days worked vs. # shifts worked. | | | | | | | | |

APPENDIX B

PROCESS DESCRIPTION

Rex Corporation uses six major processes to manufacture its products. The processes are: (a) Graphics/Prepress, (b) Sheeting, (c) Exposing and processing of coating plates, (d) Printing, (e) Die-cutting, and (f) Finishing.

Graphics/Prepress process deals with digital (soft) information and a Computer-to-Plate system. The Computer-to-Plate system develops plates for the printing process by using a visible light laser makes these plates. The plate is then run through a developer processor to remove the non-image area.

The Sheeting process entails converting rolls of paperboard, which are purchased from a board mill, into job-specific sheet sizes. The major functions of this process are (a) mounting a roll of paperboard onto the machine's unwind stand, (b) cutting the continuous sheet into the correct dimensions for a particular job, and (c) placing the cut sheets onto a plastic pallet and stretch-wrapped. This process is a dry process, thus does not use water.

Rex currently utilizes four lithographic (offset) printing presses consisting of 28 printing and four coating units. (Offset Printing – the process of using an intermediate blanket cylinder to transfer an image from the developed printing plate to the substrate, paperboard sheet.) The major parts for this process includes (a) the plates, up to nine plates depending on the job, (b) inks, up to four process inks and different special colors (All inks are linseed, rapeseed, or soy based.), and (c) fountain solution (a mixture of water, a natural or synthetic gum and other chemicals that is used to dampen the plate and keep non-printing areas from accepting ink). Ink is transferred from the ink form rollers to the plate, to the printing blanket then to the substrate, paperboard sheet. Printing a sheet will entail applying up to eight colors and an aqueous coating. Aqueous coating mainly consists of acrylic emulsion polymer and water is applied over the printing surface to protect it. Currently, approximately six percent of our jobs require a second pass to apply a UV coating. UV coating is applied over an aqueous primer coating and is cured by UV radiation.

Rex currently has four die-cutters. The material a typical job utilizes consist of: (a) a flat wood die with steel rule, (b) metal pins attached to a steel frame for stripping and blanking, (c) female stripper and blanker board, (d) plastic counters for female channel. During the die-cutting process, paperboard scrap is collected for recycling purposes; all finished products are placed on a plastic pallet. This process is a dry process.

Rex presently operates eight folding/gluing machines, which use either a hot melt or cold glue application. Three other potential parts of the finishing process consists of a Flat Pack center (no folding or gluing is used for this process) and rigid box production process (only uses a hot melt adhesive), and windowing machine (utilizes a cold glue). The only function that involves water is the cleaning of machinery cold glue pots. At the end of each week, excess glue is drained into a 55-gallon drum, provided by an accredited waste management company. The full drum is removed for proper disposal, while an empty drum is left in its place. Operators clean their respective cold glue pots, once a week- with a hot water rinsing process. Hot melt application does not require a cleaning process.

Dibble, Dickson

From: Dibble, Dickson
Sent: Tuesday, April 17, 2007 11:48 AM
To: Harry Smith (hsmith@coj.net)
Cc: Bowman, Sandy
Subject: AIRS ID# 0310327-004, REX CORPORATION, 136 Eastport Rd., Jacksonville, FL 32218 (Printing Operation)

Harry,

I am writing this email as a courtesy, as I am not sure what COJ's process is when facilities migrate from the A/O-A/C to the AG permitting world.

This is just a "heads-up" and FYI. The above facility has successfully completed the 30 day AG registration review process and the AG entitlement is effective as of 4/12/07.

According to regulations, facilities holding air operation permits must surrender all air operating permits upon the effective date of this air general permit. That specific permit number is **#0310327-003-AC**.

If you have any questions, call me.

Thank you and have a great day!

Dick

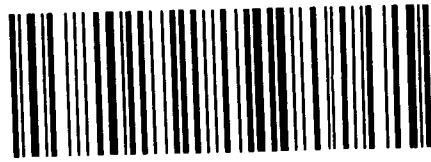
Dickson E. Dibble

FL Dept of Environmental Protection
Div. of Air Resource Management
Bureau of Air Monitoring & Mobile Sources
Air General Permit Program
(850) 921-9586
SunCom 291-9586
ICG-#345
Dickson.Dibble@dep.state.fl.us

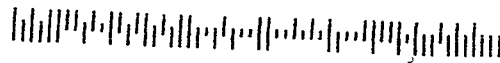
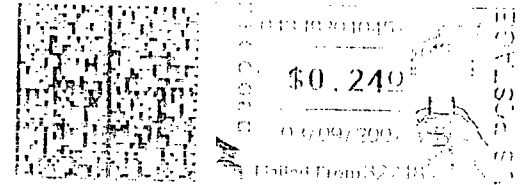
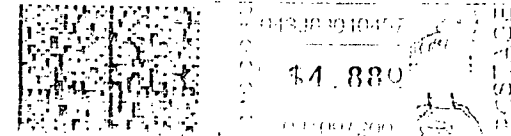
4/17/2007

Ken Darrow
Rex Corporation
P. O. Box 26329
Jacksonville, FL 32226-6329

CERTIFIED MAIL™



7004 2510 0003 1321 3808



FDEP
Receipts
P. O. Box 3070
Tallahassee, FL 32315-3070

033961

Remit To Florida Dept of Environmental Protection 5681

| <i>Fact</i> | <i>Ref Date</i> | <i>Reference Number</i> | <i>Comment</i> | <i>Amount</i> | <i>Discount</i> | <i>Net Amount</i> |
|-------------|-----------------|-------------------------|----------------|---------------|-----------------|-------------------|
| 61964 | 3/5/07 | IN 03052007 | | 100.00 | 0.00 | 100.00 |

| | | | | | | |
|-------------------|------------------------|--|--------|---------------|------|--------|
| <i>Fact</i> 33567 | <i>Check No.</i> 33961 | | 3/9/07 | <i>Totals</i> | 0.00 | 100.00 |
|-------------------|------------------------|--|--------|---------------|------|--------|