

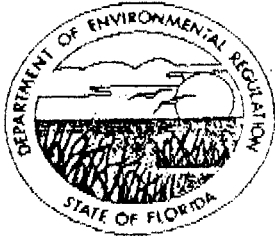
TO: SOUTHEAST WEST PALM

JUL-01-'93 THU 14:40

ID: DER WASTE MGMT TAL

FAX NO: (904) 922-4939

#639 P01



## Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

### FAX TRANSMITTAL LETTER

DATE: 7-1-93

TO: Joe Kahn

AGENCY: DER-WPB-Solid Waste

TELEPHONE: \_\_\_\_\_

NUMBER OF PAGES (INCLUDING COVER SHEET) 10

FROM: Jan Rae Clark

AGENCY: DER-Talla-Solid Waste

If any of the pages are not clearly received, please call IMMEDIATELY,

Phone No. 904 922 6104

SENDERS NAME: RiY Parker

COMMENTS: original will follow by mail

**Rinker**

June 25, 1993

Rinker Materials Corporation  
1501 Belvedere Road  
West Palm Beach, FL 33406

P.O. Box 24635  
West Palm Beach, FL 33416

Facsimile (407) 659-4361  
Telephone (407) 833-5555

Florida Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

ATTN: Mr. William Hinkley, Chief  
Bureau of Solid & Hazardous Waste

RE: WASTE TIRE GENERAL PERMIT NOTIFICATION  
RINKER MATERIALS CORPORATION  
DADE COUNTY, FLORIDA

Dear Mr. Hinkley:

Attached please find the above referenced General Permit Notification with attachments and a fee of \$25.00. Should there be any questions regarding this information please contact Mr. Michael Vardeman at (305) 221-7645.

Thank you.

Sincerely,

Donald Turner, P.G.  
Environmental Services Manager

DT/pt

Attachment

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

PROTECTION 185599

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from PLANTE, BRUCE, ADAMS & ASSOC Date 7/1/93

Address 102 1/2 S. MONROE ST. Dollars \$ 100<sup>00</sup>/25

Applicant Name & Address TALLAHASSEE, FL. 32302

Source of Revenue Waste Tire General Permit, Small Processor

Revenue Code 001075 Application Number 6301

By J Carpenter

TO: SOUTHEAST WEST PALM  
JUL-01-'93 THU 14:44 ID: DE WASTE MGMT THL

FAX NO: (904) 922-039

#639 P09

FROM (COMPANY NAME) <b>PLANTE BRUCE ADAMS &amp; ASSOCIATES</b> 102 1/2 S MONROE ST TALLAHASSEE FL 32301 SENT BY (NAME/DEPT.) <b>SCOTT BENYAN</b> 904-224-5684		ORIGIN <b>TLH</b>	AIRBILL NUMBER <b>572096</b>	<b>AIRBORNE EXPRESS</b>  EXECUTIVE OFFICES P.O. BOX 6800 FAIRFAX, VA 22031-0600  THE AIRBORNE EXPRESS COMPANY IS A MEMBER OF THE AIRBORNE EXPRESS GROUP WHICH INCLUDES THE AIRBORNE EXPRESS AIRCRAFT, AIRCRAFT EQUIPMENT, AIRCRAFT CARGO, AIRCRAFT CARGO, OR ACTUAL VALUE (WHICHEVER IS LESS) SPECIAL CONSEQUENTIAL DAMAGES ARE NOT RECOVERABLE. SEE TERMS AND CONDITIONS ON REVERSE SIDE OF THIS NON-NEGOTIABLE AIRBILL. 8-1-1993 - PREP. BY: M. G. CHRISTIAN
ADDRESS <b>ASSOCIATES</b> 102 1/2 S MONROE ST TALLAHASSEE FL 32301		CUSTOMER AIRBORNE EXPRESS ACCOUNT NUMBERS <b>80281664</b>		
CITY <b>TALLAHASSEE</b> STATE <b>FL</b> ZIP CODE (REQUIRED) <b>32301</b>		RECEIVER		
PHONE <b>904-224-5684</b>		METHOD OF PAYMENT (ASSIGNED SENDER UNLESS OTHERWISE NOTED) <input checked="" type="checkbox"/> BILL SENDER <input type="checkbox"/> BILL RECEIVER Airborne Account No. <input type="checkbox"/> BILL 3RD PARTY Check No. Amount <input type="checkbox"/> PAID IN ADVANCE BILLING REFERENCE (WILL APPEAR ON INVOICE) <b>TH1785</b>		
TO (COMPANY NAME) <b>METRO-DADE FIRE DEPT. - STATION #13</b> ADDRESS <b>6000 SW 87TH AVENUE</b> CITY <b>Miami</b> STATE <b>FL</b> ZIP CODE (REQUIRED) <b>33165</b> ATTN: (NAME/DEPT.) <b>305-596-8585</b>		6 NO. OF PKGS WEIGHT (LBS) SPECIAL INSTRUCTIONS <input type="checkbox"/> SATURDAY DELIVERY <input type="checkbox"/> HOLD AT AIRBORNE EXPRESS <input type="checkbox"/> LRS PACK <input type="checkbox"/> SELECT DELIVERY SERVICE 7 CHECK IF <input checked="" type="checkbox"/> LETTER EXPRESS <input type="checkbox"/> EXPRESS PACK THANK YOU FOR SHIPPING WITH AIRBORNE EXPRESS		
CEMENT MILL WASTE TIRE PERMIT NOTIF <input type="checkbox"/> DECLARED VALUE <input type="checkbox"/> SHIPMENT VALUATION <input type="checkbox"/> OR FULL INSURANCE \$ PREPRINT FORMAT NO. <b>3075291</b>		DROP OFF LOCATION <input type="checkbox"/> AIRBORNE TERMINAL <input type="checkbox"/> DROP BOX		
SENDER'S SIGNATURE <b>SCOTT BENYAN</b> DATE <b>7/1/93</b>		AIRBORNE SIGNATURE		

SENDER'S COPY

TO: SOUTHEAST WEST PALM  
 JUL-01-93 THU 14:43 ID: DE WASTE MENT TLH

FAX NO: (904) 922-8339

#639 P08

**Rinker**

June 25, 1993

Rinker Materials Corporation  
1501 Belvedere Road  
West Palm Beach, FL 33406P.O. Box 24635  
West Palm Beach, FL 33416Facsimile (407) 659-4361  
Telephone (407) 833-5555Metro-Dade Fire Department  
Station #13  
6000 SW 87th Avenue  
Miami, FL 33165

Gentlemen:

In accordance with the Florida Department of Environmental Regulation's Waste Tire General Permit Notification requirements, this is to serve notice that Rinker Materials Corporation Cement Plant located at 1200 NW 137th Avenue, Miami, FL 33182, will begin utilizing waste tires on July 6, 1993, as fuel in partial substitute for coal, which will continue to serve as the major fuel source. There will be no storage of tires at the facility. All tires will be delivered, pre-sorted, to the Cement Plant by a contractor in container trailers. By a conveyor system, the tires are moved from the trailer(s) to the cement kiln where they are utilized for their fuel and recyclable content. Any tires that may be rejected prior to being conveyed to the kiln (should be minimal in number) are placed back in the container trailer and returned to the suppliers/contractor. Approximately 4,000 waste tires/day will be consumed in this manner. No tires are stored on-site, although up to a 3-day rolling delivery interruption supply of tires may be maintained in container trailers.

Sincerely,

Donald Turner, P.G.  
Environmental Services Manager

DT/pt

cc: Florida Dept. of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form # 17-711.900(2)
Form Title Waste Tire General Permit Notification
Effective Date February 22, 1989
DER Application No. (Filed in D. DER)

## Waste Tire General Permit Notification

Pursuant to Rule 17-711.801, Florida Administrative Code, the owners or operators of a qualifying waste tire collection center or small processing facility or mobile shredding, chopping, or cutting equipment shall submit the following information on this form to the Department.

### 1. Type and status of operation (check as many as apply):

Existing ☒ Proposed ☐

- ☐ Waste tire collection center ☐ Mobile shredding, chopping, or cutting equipment  
☐ Small processing facility ☒ Other

### 2. Waste tire collection centers and small processing facilities must complete the following facility information:

a. Facility name: Rinker Materials Corporation - Cement Mill

b. Facility location:

Street address (main entrance) 1200 N.W. 137th Avenue

City Miami, County Dade, Zip 33182

Section 34, Township 53 South, Range 39 East

Latitude 25° 46' 48" N, Longitude 80° 25' 10" W

c. Name of property owner: Rinker Materials Corporation

d. Address of property owner: Same As Above

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

e. Telephone number of property owner: ( 305 ) 221-7645

3. Name of operator: Rinker Materials Corporation

4. Address of operator: Same as above

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

5. Telephone number of operator: ( \_\_\_\_\_ ) \_\_\_\_\_

6. Describe the general operation of the facility or equipment (attach additional sheets, if necessary):

See Attachment "A"

7. Describe how the waste tire storage and handling requirements of Rule 17-711.540, F.A.C. will be met (attach additional sheets, if necessary):

See Attachment "A"

DER Form 17-711.900(2)

Form Title Waste Tire General Permit Notification

Effective Date February 22, 1989

DER Application No. (Filed in DE DER)

Trial Burn January 27-29, 1993

Permanent Operation July 6, 1993

8. Date of beginning operation:

9. Quantities of waste tires, expressed in tons (assume there are 100 tires per ton or 10 tires per cubic yard):

Received per month: 1200 tons

Stored on site: 0 \* tons

Processed per month: 1200 tons

\*NOTE - Up to a 3-day rolling delivery interruption supply of tires (120 tons) may be maintained at the facility. (See #6 & 7 for additional details)

10. Describe how and where the waste tires, processed tires, and residuals from processing will be disposed:

See Attachment "A"

11. List mobile shredding, chopping, and cutting equipment processing locations during preceeding three months (Photocopies of Form 17-711.900(3) for each processing site may be attached in lieu of listing each site). Attach additional sheets, if necessary:

Name of facility or site: N/A

Site Location (main entrance)

Street address:

City: County: Zip:

Latitude: Longitude:

Site property owner:

Property owner address:

Property owner phone number: ( )

12. Required attachments:

a. Letter of notification to fire protection authority

b. General permit fee of \$2500. (Rule 17-4, F.A.C.)

13. Certification:

To the best of my knowledge and belief, I certify the information provided in this notification is true, accurate, and correct.

Michael D. Vardeman

Name of Authorized Agent

  
Signature of Authorized Agent6/24/93  
Date

Mobile Equipment Operators mail completed form to:  
Florida Department of Environmental Regulation  
Solid Waste Section  
Attention: Tires  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Collection Centers and Small Processing Facilities  
mail completed form to  
the appropriate district office  
listed on page 1.

**ATTACHMENT "A"****WASTE TIRE GENERAL PERMIT NOTIFICATION****RINKER MATERIALS CORPORATION****#6. Describe the general operation of the facility or equipment.**

The facility, Rinker Materials Corporation (RMC) Cement Plant, produces Portland Cement. In this process, approximately 300 tons of coal per day are burned as fuel for the rotating cement kiln. Tires will be substituted for a portion of this fuel requirement. Pre-sorted tires will be delivered to the facility from a single contractor in container trailers. By a conveyor belt system, the tires are moved from a trailer to the kiln. Two tires are fed into the kiln at each revolution of the kiln which equates to about 4000 tires/day. The tire is totally consumed in the 2800°F kiln. The rubber component of the tire burns as a substitute/replacement fuel for coal. The metal beading of the tire is substituted/recycled for a portion of the iron and aluminum requirements of the cement manufacturing process and become a necessary part of the ultimate product, Portland Cement. Because of this process there are no residuals generated as a result of the use of the tires. Any tires that may be rejected prior to being conveyed to the kiln (should be minimal in number) are placed back into the container trailer and returned to the contractor. No tires are stored on site, although up to a 3-day rolling delivery interruption supply of tires may be maintained in container trailers.

**#7. Describe how the waste storage and handling requirements of rule 17-711.540 F.A.C. will be met.****General**

No tires will be stored on the ground or in the open. All tires are received in container trailers from a single contractor directly loaded into the fuel conveyor system to the kiln. Any rejects are returned to the container trailer and returned to the contractor. Up to a 3-day rolling supply of tires (120 tons) may be maintained on site in container trailers in order to insure against delivery disruptions.

**Specific****17-711.540 Storage Requirements**

- (1) N/A; Tires are not stored indoors. They are maintained in container trailers.
- (2) Tires are maintained in container trailers.



**Attachment "A"****Waste Tire General Permit Notification****Page 2 of 3**

- (a) Container trailers are not within 200' of a waterbody or in any wetland, traditional wetland or isolated wetland.
- (b) There is not, nor will there be, an outdoor waste or processed tire pile.
- (c) No waste tire pile will exist. Container trailers will be arranged to provide adequate emergency vehicle/equipment access.
- (d) No tire pile - no mosquitos or rodents. Should a problem develop, RMC will take appropriate steps to control.
- (e) N/A; Tires to be delivered to site in container trailers by one contractor.
- (f) No tire pile and no open flame.
- (g) Approach and access road will be kept passable at all times for any motor vehicles subject to security clearance.
- (h) Access to facility is controlled by fencing, gates and natural barriers.
- (i) An attendant shall be present at all times.
- (j) N/A; Tires are in container trailers at all times other than those being conveyed to the kiln.
- (k) Metro-Dade Fire Department has been notified. A fire safety survey has been conducted. Facility has its own on-site fire department.
- (l) Communication equipment exists and is functioning on-site so that the facility operator can contact local fire protection authorities in the event of a fire.
- (m) Tires are in container trailers, trailers are located in an area where there is no potentially flammable vegetation.
- (n) An emergency preparedness manual, updated upon changes in operation, has been prepared for the facility and is present on-site.
- (o) The department will be immediately contacted in the event of a fire or other emergency, related to the use of the tires, having the potential for off-site effects. A report on such an emergency will be prepared and submitted to the department within two weeks of the event.

**Attachment "A"****Waste Tire General Permit Notification**

Page 3 of 3

- (p) Records of the quantity of tires utilized at the facility will be maintained. No tires will be stored on site other than the maintenance of up to a 3-day rolling delivery interruption supply. No tires will be shipped from the site other than a minimal number of rejects which will be returned by container trailer to the supplier/contractor.
- (3) N/A
- (4) N/A; There will be no above ground piles.
- (5) No residuals will be produced.
- (6) N/A
- #10. Describe how and where the waste tires, processed tires, and residuals from processing will be disposed.

Tire components will be either used as fuel or recycled as part of the manufacturing process. (See #1 above) No residuals will be generated from the tires. A delivered to the site will be utilized with the exception of a minimal number of which will be placed back in the container trailer and returned to the supplier/contractor.