

RECEIVED

Bureau of Air Monitoring & Mobile Sources

NOV 15 2007

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

0690045-006

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):
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.)

Rinker Materials of Florida, 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.)

Rinker Materials - Clermont (F.C.S. Tulley)

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

Street Address: 16000 Johns Lake Road
City: Clermont, east of County: Lake Zip Code: 34711

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

2272

Type of Facility

Check one:

Stationary Facility

Relocatable Facility

Type(s) of Reasonable Precautions Used to Prevent Unconfined Emissions

Check all precautions to be used for the management of roads, parking areas, stock piles and yards:

Pave Roads

Pave Parking Areas

Pave Yards

Maintain Roads/Parking/Yards

Use Water Application

Use Dust Suppressant

Remove Particulate Matter

Reduce Stock Pile Height

Install Wind Breaks

Check all precautions to be used for the management of drop points to trucks:

Spray Bar

Chute

Enclosure

Partial enclosure

Description of Reasonable Precautions

Below, or as an attachment to this form, provide details of all types of reasonable precautions to be used to prevent unconfined emissions at the facility.

This facility is provided with an extensive stormwater/wastewater drainage system, which is designed to flush particulate matter from the paved yard and entrance drive. This keeps the paving cleaner, substantially reducing fugitive emissions. Aggregate stockpiles in the yard are stored on paved surfaces and kept watered, partly for quality control and partly to reduce potential emissions from these materials. Unused concrete which is brought back to the site is stored in a concrete-walled washout structure, which reduces the area needed to dry the material, while keeping it out of the main traffic pattern, where it would generate additional fugitive emissions.

Description of Facility

Below, or as an attachment to this form, provide a description of the concrete batching plant 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. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

Dura-Rock (Soil Cement) Production Facility:

- Single-compartment cement silo no. 1 (with a Griffin Environmental Model JV 366-X baghouse dust collector).
- Single-compartment cement silo no. 2 (with a baghouse dust collector).
- Two soil cement pugmills (both served by a single baghouse dust collector).

Ready-Mix Concrete Batching Facility:

- A single-compartment cement silo (with a C. & W. Dust Systems Model CP-305-839 cartridge dust collector).
- A single-compartment flyash silo (with a C. & W. Dust Systems Model CP-305-839 cartridge dust collector).
- A proposed single-compartment cement silo (with a C. & W. Dust Systems Model CP-305-839 cartridge dust collector).
- A cement weigh hopper (with a C. & W. Dust Systems Model CP-35-219 cartridge batcher vent).
- A concrete mixer truck loadout (with a C. & W. Dust Systems Model CP-900-1278 central cartridge dust collector).

**Specifications for CP Silo Collectors
at 6" Static Pressure**

Model Number	CP-230-639	CP-300-839	CP-310-478	CP-380-1039	CP-450-678	CP-610-878
Number of Cartridges	6	8	4	10	6	8
Cartridge Diameter & Length	8"x39"	8"x39"	8"x78"	8"x39"	8"x78"	8"x78"
Number of Solenoids	2	2	2	2	2	2
Total Filtration Area	228	304	304	380	456	608
Min. Design Efficiency	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%
Air to Cloth Ratio (ACFM/Ft.2)	3.5	5.3	5.3	5.3	5.5	4.9
Filtration Velocity (Ft./Min.)	3.5	5.3	2.6	5.3	5.5	4.9
Blower Horsepower (optional)	2	3	3	3	5	5
Static Pressure Drop (WC)	6"	6"	6"	6"	6"	6"
Normal Air Capacity	850	1600	1600	2000	2500	3000
Outlet Area (Ft.2)	0.196	0.64	0.64	0.81	0.79	1.00
Outlet Velocity (Ft./Sec.)	68.03	41.67	41.67	41.15	52.74	50.00
Outlet Moisture Content (Ideally)	0	0	0	0	0	0
Cleaning Mechanism	Pulse Jet w/ Timer	Pulse Jet w/ Timer	Pulse Jet w/ Timer	Pulse Jet w/ Timer	Pulse Jet w/ Timer	Pulse Jet w/ Timer
*Inlet Dust Concentration	12,000	24,000	24,000	30,000	37,500	45,000
*Outlet Emissions (Gr/Min)	1.20	2.40	2.40	3.00	3.75	4.50
*Outlet Dust Loading (Gr/Cf)	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015
*These Calculations Based on Inlet Loading of 15 Gr. / Ft. 3 Your State Environmental Dept. may request additional information. If so, contact C & W Engineering The Fabric Material is 100% Spun Bound Polyester The Approximate Weight of the Filter Media is 8.1Oz.						

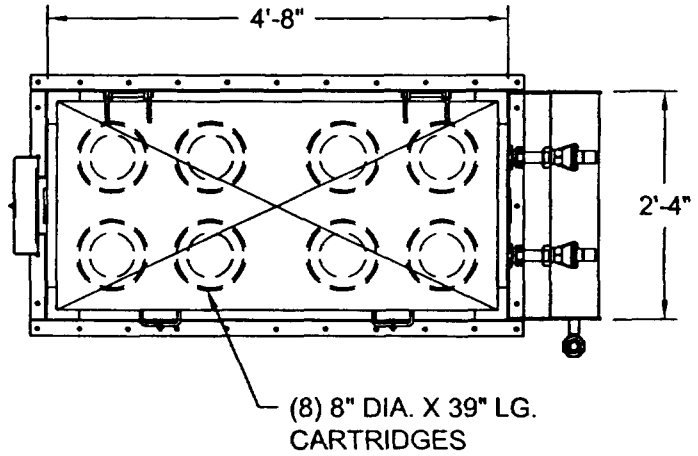
**Specifications for CP Silo Collectors
at 6" Static Pressure**

Model Number	CP-760-1078	CP-900-1278	CP-1220-1678	CP-1520-2078	CP-2250-3078
Number of Cartridges	10	12	16	20	30
Cartridge Diameter & Length	8"X 78"	8"X 78"	8"X 78"	8"X 78"	8"X 78"
Number of Solenoids	2	3	4	5	6
Total Filtration Area	760	912	1216	1520	2280
Min. Design Efficiency	99.99%	99.99%	99.99%	99.99%	99.99%
Air to Cloth Ratio (ACFM/Ft.2)	5.3	5.5	5.5	5.5	5.5
Filtration Velocity (Ft./Min.)	5.3	5.5	5.5	5.5	5.5
Blower Horsepower (optional)	7.5	10	15	20	25
Static Pressure Drop (WC)	6"	6"	6"	6"	6"
Normal Air Capacity	4,000	5,000	6,700	8,400	12,400
Outlet Area (Ft.2)	1.09	1.31	2.29	2.85	4.19
Outlet Velocity (Ft./Sec.)	61.16	63.61	48.76	49.12	49.32
Outlet Moisture Content (Ideally)	0	0	0	0	0
Cleaning Mechanism	Pulse Jet Nozzle W/Preset timer	Pulse Jet Nozzle W/Preset timer	Pulse Jet Nozzle W/Preset timer	Pulse Jet Nozzle W/Preset timer	Pulse Jet Nozzle W/Preset timer
*Inlet Dust Concentration	60,000	75,000	100,500	126,000	186,000
*Outlet Emissions (Gr/Min)	6.00	7.50	10.05	12.60	18.60
*Outlet Dust Loading (Gr/Cf)	0.0015	0.0015	0.0015	0.0015	0.0015
*These Calculations Based on Inlet Loading of 15 Gr. / Ft. 3 Your State Environmental Dept. may request additional information. If so, contact C & W Engineering					

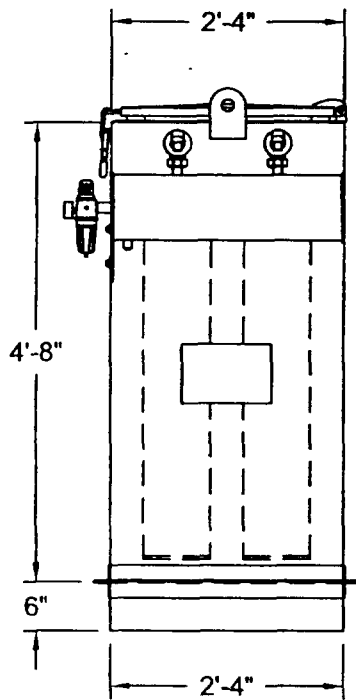
SPECIFICATIONS

Questions? Call 1-800-880-3878 for C & W Customer Support

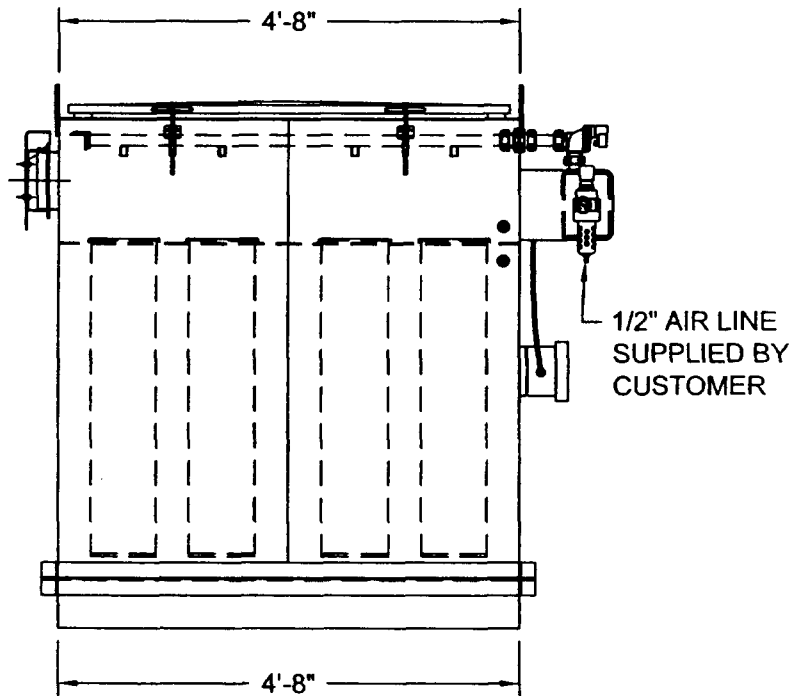
NOTE: THIS PRINT NOT FOR
CONSTRUCTION. FOR
GENERAL REF. ONLY



TOP VIEW



FRONT VIEW



SIDE VIEW

CP-305-839 PULSE JET COLLECTOR



C & W MFG. & SALES CO.
6933 SHELMOR RD.
ALVARADO, TX. 76009 (817) 790-5000



CERTIFIED – RETURN RECEIPT REQUESTED
7007 0710 0004 5341 3596

November 5, 2007

Florida Dept. of Environmental Protection
Receipts
P. O. Box 3070
Tallahassee, FL 32315-3070

RE: General air permit modification for the Rinker Materials / Clermont (Tulley) concrete facility and pug mill (permit no. 0690045-005-AG).

Dear Sirs:

This letter is intended to serve as notification that our company plans to modify the facilities at our Clermont (Tulley) site, which is located at 16000 Johns Lake Road, east of Clermont, Florida.

Specifically, a third single-compartment cement storage silo will be added to the existing ready-mix concrete batch facility. The silo will be equipped with its own C. & W. Dust Systems cartridge dust collector and will constitute an additional emissions point on the facility.

In order to update the general air permit for this location, we have attached an FDEP General Air Notification Form, a letter of authorization, specifications for the proposed dust collector and check no. 21591957 in the amount of \$100.00. A visible emissions test will be performed on the new silo after the permit has been revised.

If you have any questions concerning the application or need additional data to complete your review, please contact us at (561) 820-8415.

Sincerely,

Jeffrey R. Porter
Permit/Project Manager

Attachments

Rinker Materials

1501 Belvedere Road | West Palm Beach, FL 33406 | 561.833.5555

Page 2
FDEP / Receipts
Clermont - AG Mod.

cc: M. Mouncey
J. Mott
R. Carberry
M. Lawhorn
A. Merritt
File (Clermont)



October 3, 2007

Florida Department of Environmental Protection
Division of Air Resources Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400

TO WHOM IT MAY CONCERN:

This letter is authorization for Jeffrey R. Porter (an employee of Rinker Materials of Florida, Inc.), as my agent, to sign permit applications to construct, maintain or operate pollution sources belonging to Rinker Materials of Florida, Inc. and its subsidiaries.

Very Truly Yours,

J. Scott Benyon - Vice President
Environment / Government Affairs
Rinker Materials of Florida, Inc.
1501 Belvedere Road
West Palm Beach, FL 33406
(800) 226-5521

STATE OF FLORIDA
COUNTY OF PALM BEACH

Subscribed and sworn to before me this third day of October, 2007 by J. Scott Benyon, personally known to me to be Vice President of Rinker Materials of Florida, Inc. He did not take an oath.



(Notary Public in and For
Said County and State)

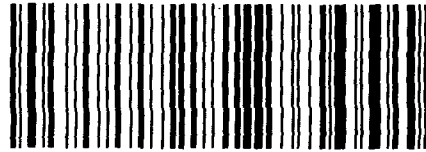
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Rinker Materials

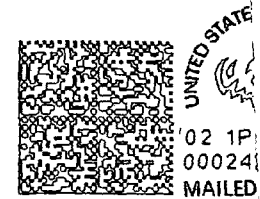
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Rinker
MATERIALS™

Rinker Materials
1501 Belvedere Road
West Palm Beach, FL 33406



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Florida Dept. of Environmental Protection
Receipts
P. O. Box 3070
Tallahassee, FL 32315-3070