

F&A RECEIPT 530196

JAN 17 2012

RECEIVED

CONCRETE BATCHING PLANTS  
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET

JAN 18 2011  
DIVISION OF AIR  
RESOURCE MANAGEMENT

Facility Identification Number (If known)

0850009  
**0850009-007**

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., 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 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.)  
CEMEX Construction Materials Florida, L.L.C.

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.)  
CEMEX - Indiantown Ready-Mix

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

Street Address: 17200 Railroad Avenue

City: Indiantown

County: Martin

Zip Code: 34956 - 3992

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

N/A

**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: Geoffrey Fanning – Plant Manager

Facility Contact Telephone Numbers

Telephone: (772) 287-0502

Fax: (772) 221-3656

Cell phone: (772) 201-1871

E-mail: Gfanning@cemexusa.com

Facility Contact Mailing Address

Organization/Firm: CEMEX Construction Materials Florida, L.L.C.

Street Address: 1232 South Dixie Highway

City: Stuart

County: Martin

Zip Code: 34994

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

Name and Position Title

Print Name and Title: Jeffrey R. Porter – Environmental Manager

Other Contact/Representative Telephone Numbers

Telephone: (561) 820-8415

Fax: (561) 820-8643

Cell phone: (561) 718-7564

E-mail: Jeffreyr.porter@cemex.com

Other Contact/Representative Mailing Address

Organization/Firm: CEMEX Construction Materials Florida, L.L.C.

Street Address: 1501 Belvedere Road

City: West Palm Beach

County: Palm Beach

Zip Code: 33406

**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:

<input type="checkbox"/> <b>Pave Roads</b>	<input type="checkbox"/> <b>Pave Parking Areas</b>	<input type="checkbox"/> <b>Pave Yards</b>
<input type="checkbox"/> <b>Maintain Roads/Parking/Yards</b>	<input checked="" type="checkbox"/> <b>Use Water Application</b>	<input type="checkbox"/> <b>Use Dust Suppressant</b>
<input type="checkbox"/> <b>Remove Particulate Matter</b>	<input checked="" type="checkbox"/> <b>Reduce Stock Pile Height</b>	<input type="checkbox"/> <b>Install Wind Breaks</b>

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

<input type="checkbox"/> <b>Spray Bar</b>	<input type="checkbox"/> <b>Chute</b>	<input type="checkbox"/> <b>Enclosure</b>
	<input checked="" type="checkbox"/> <b>Partial enclosure</b>	

**Equipment Details** Provide information for each silo, weigh hopper (batcher), and other enclosed storage and conveying equipment that are limited to a visible emissions of 5 percent opacity pursuant to Rule 62-296.414(1), F.A.C.

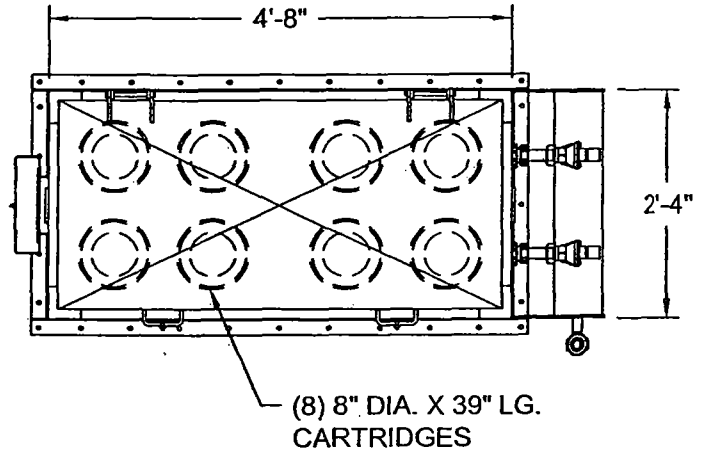
PROCESS EQUIPMENT TYPE (silo, weigh hopper, batcher, etc.)	PROCESS EQUIPMENT IDENTIFICATION*	CONTROL DEVICE (baghouse, vent filter, etc.)	CONTROL DEVICE MANUFACTURER	CONTROL DEVICE MODEL NUMBER
Silo / Compartment 1	EU-001	Cartridge Filter (New)	C & W Dust Systems	CP-305-839
Silo / Compartment 2	EU-002	Cartridge Filter (New)	C & W Dust Systems	CP-305-839
Weigh Hopper	EU-003	Vent Cartridge Filter	C & W Dust Systems	CP-100-127

\* If there are multiple pieces of the same types of process equipment (more than one silo, etc), provide an identifier (location, numeric designation, capacity or product) specific to each piece of equipment.

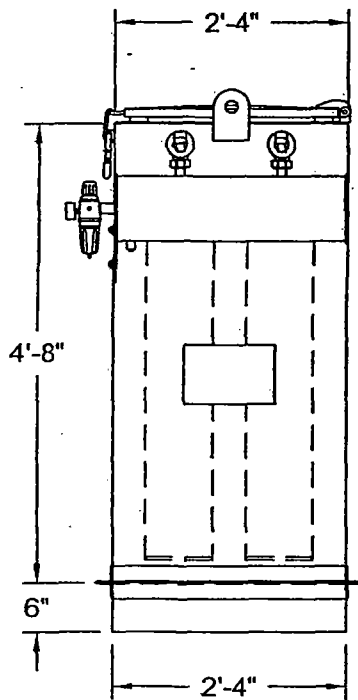
**Helpful Definitions.**

- “**Emissions Unit**” - Any part or activity of a facility that emits or has the potential to emit any air pollutant.
- “**Facility**” - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).
- “**Owner**” or “**Operator**” - Any person or entity who or which owns, leases, operates, controls or supervises an emissions unit or facility.
- “**Relocatable Facility**” - A facility such as, but not limited to, an asphalt plant, portable power generator, or concrete batch plant, which is designed to be physically moved to, and operated on, different sites by being wholly or partially dismantled and re-erected in essentially the same configuration. It shall not be operable while in transit.
- “**Unconfined Emissions**” - Emissions which escape and become airborne from unenclosed operations or which are emitted into the atmosphere without being conducted through a stack.

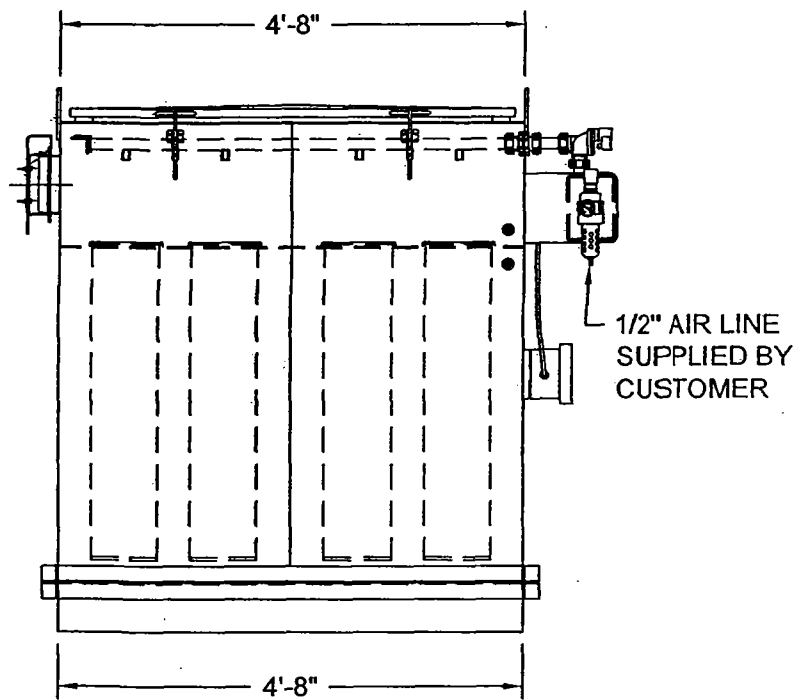
NOTE: THIS PRINT NOT FOR  
CONSTRUCTION. FOR  
GENERAL REF. ONLY



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

**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



530196 JAN172M2

3755

CERTIFIED - RETURN RECEIPT REQ.  
7009 0960 0000 2312 5011

January 10, 2012

RECEIVED

JAN 18 2011

DIVISION OF AIR  
RESOURCE MANAGEMENT

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

**RE: General air permit modification for the CEMEX / Indiantown ready-mix concrete facility (permit no. 0850009-004-AG).**

Dear Sirs:

This letter is intended to serve as notification that our company plans to modify the dust collection systems at our Indiantown concrete facility, which is located at 17200 Railroad Avenue, northwest of Indiantown, Florida.

Specifically, two Besser-APPCO Model DCS-260 baghouses, which currently serve the site's twin-compartment cement silo, will be replaced with two new C. & W. Dust Systems Model CP-305-839 cartridge dust collectors.

In order to update the general air permit for this location, we have attached an FDEP Air General Permit Registration Form, a set of dust collector specifications and check no. 22307856 in the amount of \$100.00. Visible emissions tests will be performed on the new dust collectors within thirty days of their installation.

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  
Environmental Manager

East Region

1501 Belvedere Road, West Palm Beach, FL 33406. USA, (561) 833-5555

Page 2  
FDEP / Receipts  
Indiantown - AG Mod.

#### Attachments

cc: L. Jenkins  
S. Morgan  
G. Fanning  
T. Mazzola  
D. Corrales  
K. Arlington (Arlington Env.)  
File (Indiantown)



Florida Region

1501 Belvedere Road, West Palm Beach, FL 33406

**CERTIFIED MAIL™**



7009 0960 0000 2312 5011



02 1P

**\$ 005.79<sup>0</sup>**

0003175275

JAN 12 2012

MAILED FROM ZIP CODE 33406

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

323153070 2099

