

BEATTY ENVIRONMENTAL SERVICES, LLC

April 7, 2014

ELECTRONIC CORRESPONDENCE

Administrator
FDEP-SE District
Air Program
400 North Congress Ave.
West Palm Beach, FL 33401

Re: Cemex - Indiantown RM
AIRS ID: **0850009**

Dear Administrator,

On April 2, 2014, EPA Method 9 Visible Emissions Testing was conducted at Cemex - Indiantown RM located at 17200 Railroad Ave. in Indiantown.

The test was conducted in accordance with Florida Department of Environmental Protection Air General Permit

The following emission points were tested:

EU-001 West baghouse on split silo
EU-002 East baghouse on split silo
EU-003 Weigh Hopper DC

This should complete required emissions testing for this facility. Please contact me if you have any questions or concerns.

Sincerely,

Daniel R. Beatty

Daniel R. Beatty

Electronic Copy to: Jeff Porter, Cemex

315 SE 20th Pl
Cape Coral, FL 33990

PHONE (239) 246-3646
E-MAIL beattyenvironmental12@gmail.com

Beatty Environmental Services, LLC

315 SE 20th Pl
Cape Coral, Florida 33990
(239) 246-3646

beattyenvironmental12@gmail.com

VISIBLE EMISSION OBSERVATION FORM

Method Used (Circle One) **Method 9** 203A 203B Report _____

Company Name **Cemex**
Indiantown RM AIRS **0850009**
Street Address **17200 Railroad Ave.**
City **Indiantown** Zip **34956**
Phone No. _____

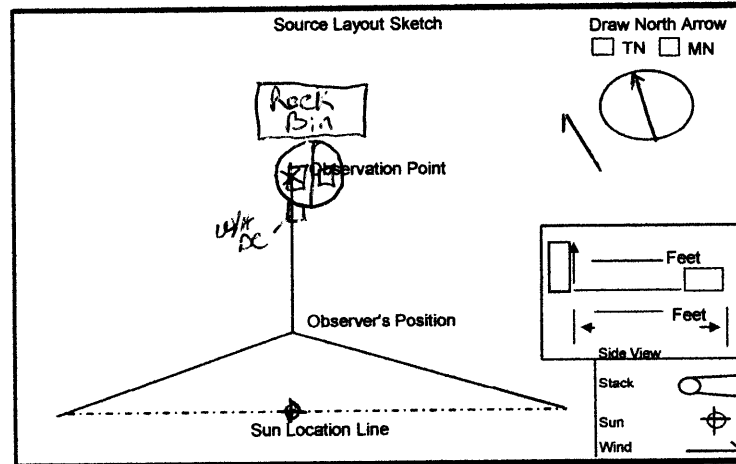
Process **unloading cement tanker** Unit # _____ Operating Mode **TOPSI**
Control Equipment **Baghouse** Operating Mode **Normal**

Describe Emission Point **W. Silo baghouse EU-001**
Ht of Emis. Point **~85'** Ht Rel to Observer **~52'**
Distance to Emis. Pt. **~175'** Direction to Emis. Pt (Degrees) **22°**

Vertical Angle to Obs. **N/A** Direction to Obs. Pt. (Degrees) **22°**
Distance and Direction to Obs. Pt from Emission Pt **Same**

Describe Emissions **None**
Emission Color **N/A** Water Droplet Plume Attached Detached **None X**

Describe Plume Background **Sky**
Background Color **Blue** Sky Conditions **Clear**
Wind Speed **3-5 mph** Wind Direction **SSE**
Ambient Temp. **82°F** Wet Bulb Temp. **55°F** % RH **39%**



Latitude _____ Longitude _____ Declination _____

Comments **offloaded 26.46 tons of cement at a rate of 27.37 TPH**
START **1:48 PM** STOP **2:46 PM**

Observation Date	4-2-14				Start Time	1:50 PM				Stop Time	2:20 PM			
Sec	0	15	30	45	Sec	0	15	30	45	Sec	0	15	30	45
1	0	0	0	0	31									
2	0	0	0	0	32									
3	0	0	0	0	33									
4	0	0	0	0	34									
5	0	0	0	0	35									
6	0	0	0	0	36									
7	0	0	0	0	37									
8	0	0	0	0	38									
9	0	0	0	0	39									
10	0	0	0	0	40									
11	0	0	0	0	41									
12	0	0	0	0	42									
13	0	0	0	0	43									
14	0	0	0	0	44									
15	0	0	0	0	45									
16	0	0	0	0	46									
17	0	0	0	0	47									
18	0	0	0	0	48									
19	0	0	0	0	49									
20	0	0	0	0	50									
21	0	0	0	0	51									
22	0	0	0	0	52									
23	0	0	0	0	53									
24	0	0	0	0	54									
25	0	0	0	0	55									
26	0	0	0	0	56									
27	0	0	0	0	57									
28	0	0	0	0	58									
29	0	0	0	0	59									
30	0	0	0	0	60									

Number of Readings Above _____ were _____ Average Opacity for Highest 6 Min Period **0%**

Range of opacity Readings Min **0** Max **0**

Observers Name (Print) **Nicholas Decker**

Observers Signature **Nicholas Decker** Date **4-2-14**

Organization **Beatty Environmental Services, LLC**

Certified By **ETA** Date **2/12/14**

Beatty Environmental Services, LLC

315 SE 20th Pl
Cape Coral, Florida 33990
(239) 246-3646

beattyenvironmental12@gmail.com

VISIBLE EMISSION OBSERVATION FORM

Method Used (Circle One) **Method 9** 203A 203B Report _____

Company Name **Cemex**
 AIRS **0850009**
 Street Address **Indiantown RM**
17200 Railroad Ave.
 City **Indiantown** Zip **34956**
 Phone No. _____

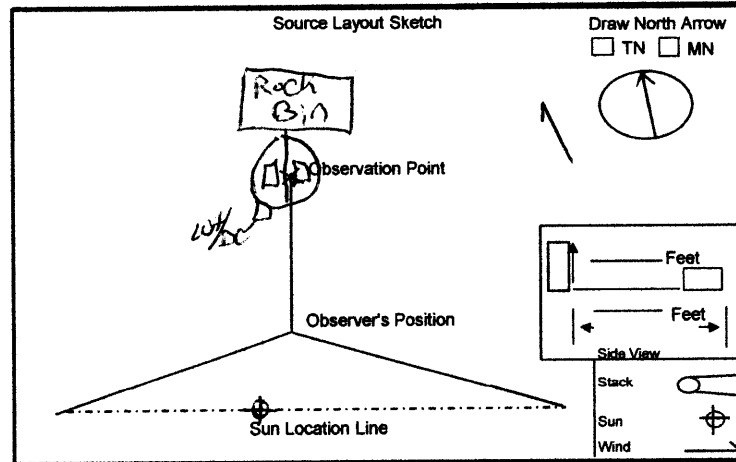
Process **unloading flyash tanker** Unit # _____ Operating Mode **11PSI**
 Control Equipment **Baghouse** Operating Mode **Normal**

Describe Emission Point **E. Silo baghouse EU-002**
 Ht of Emis. Point **~85'** Ht Rel to Observer **~82'**
 Distance to Emis. Pt. **~175'** Direction to Emis. Pt (Degrees) **23°**

Vertical Angle to Obs. **N/A** Direction to Obs. Pt. (Degrees) **23°**
 Distance and Direction to Obs. Pt from Emission Pt **Same**

Describe Emissions **None**
 Emission Color **N/A** Water Droplet Plume **None**
 Attached Detached **None**

Describe Plume Background **Sky**
 Background Color **Blue** Sky Conditions **Clear**
 Wind Speed **3-5mph** Wind Direction **SSE**
 Ambient Temp. **82°F** Wet Bulb Temp. **55°F** % RH **39%**



Latitude _____ Longitude _____ Declination _____

Comments **offloaded 25.90 tons of flyash at a rate of 29.88 TPH**
 START **2:19PM** STOP **3:11PM**

Observation Date	4-2-14				Start Time	2:19pm				Stop Time	2:49pm			
Sec Min	0	15	30	45	Sec Min	0	15	30	45					
1	0	0	0	0	31									
2	0	0	0	0	32									
3	0	0	0	0	33									
4	0	0	0	0	34									
5	0	0	0	0	35									
6	0	0	0	0	36									
7	0	0	0	0	37									
8	0	0	0	0	38									
9	0	0	0	0	39									
10	0	0	0	0	40									
11	0	0	0	0	41									
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15	0	0	0	0	45									
16	0	0	0	0	46									
17	0	0	0	0	47									
18	0	0	0	0	48									
19	0	0	0	0	49									
20	0	0	0	0	50									
21	0	0	0	0	51									
22	0	0	0	0	52									
23	0	0	0	0	53									
24	0	0	0	0	54									
25	0	0	0	0	55									
26	0	0	0	0	56									
27	0	0	0	0	57									
28	0	0	0	0	58									
29	0	0	0	0	59									
30	0	0	0	0	60									

Number of Readings Above _____ were _____ Average Opacity for Highest 6 Min Period **0%**

Range of opacity Readings Min **0** Max **0**

Observers Name (Print) **Nicholas Decker**

Observers Signature **Nicholas Decker** Date **4-2-14**

Organization **Beatty Environmental Services, llc**

Certified By **ETA** Date **2/12/14**

Beatty Environmental Services, LLC

315 SE 20th Pl
Cape Coral, Florida 33990
(239) 246-3646
beattyenvironmental12@gmail.com

VISIBLE EMISSION OBSERVATION FORM

Method Used (Circle One) Method 9 203A 203B Report

Company Name Cemex
 Street Address Indian town RM AIRS 0850009
17200 Railroad ave
 City Indian town Zip 34956
 Phone No.

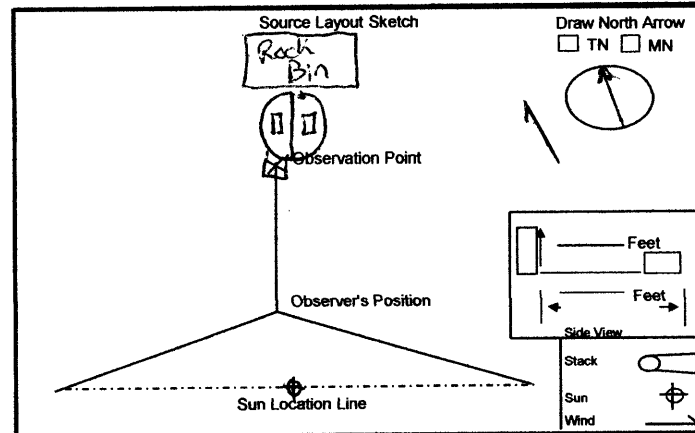
Process Batching Unit # Mixing truck Operating Mode normal
 Control Equipment Dust collector Operating Mode EU-603 normal

Describe Emission Point w/H DC on S. side of Silo
 Ht of Emis. Point ~45' Ht Rel to Observer ~42'
 Distance to Emis. Pt. ~175' Direction to Emis. Pt (Degrees) 22°

Vertical Angle to Obs. 12° Direction to Obs. Pt. (Degrees) 22°
 Distance and Direction to Obs. Pt from Emission Pt Same

Describe Emissions None
 Emission Color N/A Water Droplet Plume None
 Attached Detached None

Describe Plume Background Silo
 Background Color Beige Sky Conditions Clear
 Wind Speed 3-5 mph Wind Direction SSE
 Ambient Temp. 82°F Wet Bulb Temp. 55°F % RH 39%



Latitude _____ Longitude _____ Declination _____

Comments observed one mixing truck batched
 START 1:19 PM STOP 1:25 PM

Observation Date	4-2-14				Start Time	1:19 PM				Stop Time	1:25 PM			
Sec	0	15	30	45	Min	0	15	30	45	Sec	0	15	30	45
1	0	0	0	0	31									
2	0	0	0	0	32									
3	0	0	0	0	33									
4	0	0	0	0	34									
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28					58									
29					59									
30					60									

Number of Readings Above _____ were _____ Average Opacity for Highest 6 Min Period 0%

Range of opacity Readings
 Min _____ Max _____

Observers Name (Print) Nicholas Decker

Observers Signature Nicholas Decker Date 4-2-14

Organization Beatty Environmental Services, llc

Certified By ETA Date 8/14/13

15123910

BILL OF LADING - ORIGINAL - NOT NEGOTIABLE

TICKET NUMBER

1008670984

CUSTOMER CARE
1-800-99-CEMEX (23639)



COMPANY NAME: CEMEX CONSTRUCTION MATERIALS FLORIDA, L.L.C. (CEMEX) LOCATION INFORMATION: 4505 CEMEX MIAMI PLANT
4000 BROWNSTEAD AVENUE
MIAMI, FL 33133

DATE TO SHIP: 04/02/2014 TICKET DATE: 04/02/2014 BEGIN LOAD: 11:00 AM TICKET TIME: 11:10 AM

PO: 04-039-001067 SAP CONTRACT: 4886003 ITEM C SAP ORDER NO: 100016720 SAP DELIVERY NO: 111408375

SHIPPING UNIT: 23700 VEHICLE DESCRIPTION: 23700 TRACTOR LIC: TRAILER 1: TRAILER 2:

CARRIER NO: 77201 CARRIER NAME: DRIVER: INCOTERMS:

SHIP TO: 17200 S.W. 94th AVE INDIAHAWK FL 33080 BILL TO: 17200 S.W. 94th AVE INDIAHAWK FL 33080

SHIPPING INSTRUCTIONS: SEALS: 119306

WEIGHMASTER CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

QTY UOM MATERIAL NO MATERIAL DESCRIPTION SCALE SILO

27.37 BULK TP III AASHTO DRY PORT US CAP 11

Load # 5072658 Tractor # F.218
Date Time in Time out
Pick-up 4/2/14 11:06A 11:10A
Delivery 4/2/14
of Ad'l Stops

EJ-001

2014916161

INPST

Rate is individually determined and NOT subject to filed tariffs unless stated in Common Carrier Rate Agreement. RECEIVED, subject to the "COMMON CARRIER RATE AGREEMENT" or the CONTRACT between the Shipper and Carrier in effect on the date of the shipment, the property described above, in apparent good order, except as noted (contents and condition of packages unknown), marked, consigned and designated as shown below. This Bill of Lading is not subject to any tariffs or classifications, whether individually determined or filed with any federal or state regulatory agency, except as specifically agreed to in writing by the shipper and the carrier.

All shipments are Prepaid unless picked up by customer. Subject to Section 7 of the Terms and Conditions of Carriage. If the shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

SCALE LBS:
GROSS LB: 79000
TARE LB: 50720
NET LB: 28280
SHORT TONS 27.37
METRIC TONS 125.10

Notice: If the Gross Weight exceeds the State Maximum, this load is not legal on the Interstate Highway System

COD AMOUNT: \$ RECEIVED:

Received from Shipper - Material above in good condition except as noted. If paying by BOL please refer to for remittance

SIGNATURE OF CONSIGNOR

Received by Carrier

Per (Driver or Customer)

Weighmaster

Time in Gate: 11:10 am

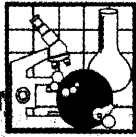
WARNING - KEEP OUT OF REACH OF CHILDREN
FRESHLY MIXED CEMENT, MORTAR, FLUE DUST, CLINKER, FLY ASH, CONCRETE OR GROUT MAY CAUSE SKIN INJURY. AVOID CONTACT WITH SKIN WHERE POSSIBLE AND WASH EXPOSED SKIN AREAS PROMPTLY WITH WATER. IF ANY CEMENT OR CEMENT MIXTURES GET INTO THE EYE, RINSE IMMEDIATELY AND REPEATEDLY WITH WATER AND GET PROMPT MEDICAL ATTENTION. See MSDS for additional details.

32285278

BILL OF LADING - ORIGINAL - NOT NEGOTIABLE

TICKET NUMBER

CUSTOMER CARE
1-800-99 CEMEX (23639)



MINERAL
RESOURCE
TECHNOLOGIES



502303444

COMPANY NAME:
MINERAL RESOURCE TECHNOLOGIES, INC.

LOCATION INFORMATION:
6023 MRT - RIVIERA BEACH FLYASH TERMINAL

DATE TO SHIP: 04/02/2014
TICKET DATE: 04/02/2014
BEGIN LOAD: 12:23 pm
TICKET TIME: 12:23 pm

PO:
SAP CONTRACT:

SAP ORDER NO:
SAP DELIVERY NO:
171490303

SHIPPING UNIT: 2259989
VEHICLE DESCRIPTION: 8999,6023-1,PRELOAD TANK-TSC

TRACTOR LIC: F580
TRAILER 1: 8858
TRAILER 2:

CARRIER NO: 772281
CARRIER NAME:

DRIVER:
INCOTERMS: PICKUP

SHIP TO:
PRELOAD PRELOAD CUSTOMER
920 MEMORIAL CITY WAY
HOUSTON, TX 77024

BILL TO:
PRELOAD PRELOAD CUSTOMER
920 MEMORIAL CITY WAY
HOUSTON, TX 77024

SHIPPING INSTRUCTIONS:
Indian town *5085062* *Att*

FOR CALIFORNIA ONLY - WEIGHMASTER CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

WEIGHT	IDENTIFICATION	COMMODITY	SCALE	SERIAL
25.90 TON	1509454	FLY ASH CLASS F MARTIN LAKE	1	1
MARTIN LAKE FLY ASH, ASTM C91B, CLASS F, Silo #1				
<i>EU-002</i>				
<i>Att</i>				

Rate is individually determined and NOT subject to filed tariffs unless stated in contract between shipper and carrier. RECEIVED, subject to the CONTRACT between the Shipper and Carrier in effect on the date of the shipment, the property described above, in apparent good order, except as noted (contents and condition of packages unknown), marked, consigned and designated as shown below. This Bill of Lading is not subject to any tariffs or classifications, whether individually determined or filed with any federal or state regulatory agency, except as specifically agreed to in writing by the shipper and the carrier.

Notice:
If the Gross Weight exceeds the State Maximum, this load is not legal on the Interstate Highway System

COD AMOUNT: \$ _____ RECEIVED: _____

Received from MRT - Material above in good condition except as noted.
If paying by BOL please refer to for remittance

All shipments are Prepaid unless picked up by customer.
If the shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

SIGNATURE OF CONSIGNOR

SCALE LBS:	
GROSS LB:	79,860
TARE LB:	26,060
NET LB:	51,800
SHORT TONS	25.90
METRIC TONS	23.60
* Predetermined Tare	

Att

Received by Carrier _____ Per (Driver or Customer) *Att*

CLAUDE SCOE
Weighmaster
Time in Gate: 12:23 pm

WARNING - KEEP OUT OF REACH OF CHILDREN
FRESHLY MIXED CEMENT, MORTAR, FLUE DUST, CLINKER, COAL COMBUSTION PRODUCTS, SLAG, CONCRETE OR GROUT MAY CAUSE SKIN INJURY. AVOID CONTACT WITH SKIN WHERE POSSIBLE AND WASH EXPOSED SKIN AREAS PROMPTLY WITH WATER. IF ANY CEMENT OR CEMENT MIXTURES GET INTO THE EYE, RINSE IMMEDIATELY AND REPEATEDLY WITH WATER AND GET PROMPT MEDICAL ATTENTION. See MSDS for additional details. "Coal Combustion Products" (CCPs) includes fly ash, bottom ash, landfill ash, economizer ash, Cembase, synthetic gypsum and ponded ash.



VISIBLE EMISSIONS EVALUATOR

Nicholas Decker

This is to certify that the above named observer has met the specifications of Federal Reference Method 9 and is qualified as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates, Inc. of Raleigh, N.C. This certificate is valid for six months from date of issue.

418875

Certificate #

DEC350441

Student ID Number

2/12/2014

Date of Certification

Tampa, FL

Location

8/14/2014

Certification Expiration Date

TMPS13

Last Lecture

Marty Hughes

Director of Training