



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

CENTRAL DISTRICT
3319 MAGUIRE BOULEVARD, SUITE 232
ORLANDO, FLORIDA 32803

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

July 24, 2013

Thomas Sheffield, Vice President/General Manager
CEMEX Construction Materials of Florida, Inc.
3820 Northdale Blvd., Suite 100B
Tampa, FL 33624
Thomas.Sheffield@CEMEX.com

Re: CEMEX Ocala North Ready Mix and Block Plant
IW FLG110396
Air 0830026
Brevard County
OCD-CAP-13-2437

Dear Mr. Sheffield:

Department personnel conducted a compliance inspection of the above-referenced facility on June 20, 2013. Based on the information provided during and/or following the inspection, the facility was determined to be in compliance with the Department's rules and regulations. A copy of each inspection report is attached for your records.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Patrick Farris at 407-897-4137 or via e-mail at Patrick.Farris@dep.state.fl.us.

Sincerely,

A handwritten signature in black ink, appearing to read 'Reggie Phillips'.

Reggie Phillips, Manager
Central District
Florida Department of Environmental Protection

Enclosures: Inspection Report (with attachments)

cc: Sig Bo, CEMEX, Environmental Manager [sbo@cemexusa.com]



CONCRETE BATCHING PLANT

COMPLIANCE INSPECTION CHECKLIST



Environmental Compliance

INSPECTION TYPE: ANNUAL (INS1, INS2) COMPLAINT/DISCOVERY (CI)
 RE-INSPECTION (FUI) ARMS COMPLAINT NO:

AIRS ID#: 0830026	DATE: <u>6/20/13</u>	ARRIVE: <u>N/A</u>	DEPART: <u>N/A</u>
FACILITY NAME: OCALA NORTH READY-MIX & BLOCK PLANT			
FACILITY LOCATION: 619 SW 17TH ST OCALA 34471-3623			
OWNER/AUTHORIZED REPRESENTATIVE: SIGURD BO		PHONE: (407) 841-8409	
Email: sbo@cemexusa.com		Mobile: (407) 312-7119	
CONTACT NAME: SIGURD BO		PHONE: (407) 841-8409	
Email: sbo@cemexusa.com		Mobile: (407) 312-7119	
ENTITLEMENT PERIOD: 6/3/2012 / 6/3/2017 (effective date) (end date)			

Facility Section

PART I: INSPECTION COMPLIANCE STATUS (check only one box)

IN COMPLIANCE MINOR Non-COMPLIANCE SIGNIFICANT Non-COMPLIANCE

PART II: ONSITE INTRODUCTORY MEETING (check only one box for each question)

1. Name(s) of facility representative(s): Jim Lane
 Brief Notes: _____

2. Is the Authorized Representative still SIGURD BO? ----- Yes ..No
 If no, who is?: _____
 If different, did the facility provide an administrative update within 30 days? ----- Yes ..No

3. Is the facility contact still SIGURD BO? ----- Yes ..No
 If no, who is?: _____

4. Will facility be conducting VE test(s) during today's inspection? ----- Yes ..No
 If yes, was the compliance authority notified at least 15 days in advance? ----- Yes ..No

Emissions Unit Section

1-CCB Plant-RM silo (cement) w/dust collector subject to Reasonable Precautions

PART I: FILE REVIEW PRIOR TO INSPECTION

(check only one box for each question)

1. Date of last inspection: 11/18/11
2. Did the emissions unit use reasonable precautions during the last inspection? ----- Yes No
If not: a. Did the inspector perform a general VE test (20% opacity)? ----- Yes No
b. If tested: (_____)% opacity. Were the visible emissions < 20% opacity? ----- N/A Yes No
c. What caused the problem(s) (if known)? _____

PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.

(check only one box for each question)

Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards

1. Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfined emissions by:
- a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
- 1) paving and maintenance of roads, parking areas, stock piles, and yards? ----- Yes No
 - 2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions? ----- Yes No
 - 3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter? ----- Yes No
 - 4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? ----- Yes No
- b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck? ---- Yes No
2. If reasonable precautions not being taken:
- a. Did the inspector perform a general VE test (20% opacity)? ----- Yes No
- b. If tested: (_____)% opacity. Were the visible emissions < 20% opacity? ----- Yes No
- c. What caused the problem(s) (if known)? _____

Emissions Unit Section
3 –CCB Plant-BLOCK silo (cement) w/baghouse subject to Reasonable Precautions

PART I: FILE REVIEW PRIOR TO INSPECTION

(check only one box for each question)

1. Date of last inspection: 11/18/11
2. Did the emissions unit use reasonable precautions during the last inspection? ----- Yes No
 If not: a. Did the inspector perform a general VE test (20% opacity)? ----- Yes No
 b. If tested: (_____)% opacity. Were the visible emissions < 20% opacity? ----- N/A Yes No
 c. What caused the problem(s) (if known)? _____

PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.

(check only one box for each question)

Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards

1. Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfined emissions by:
 - a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
 - 1) paving and maintenance of roads, parking areas, stock piles, and yards? ----- Yes No
 - 2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions? ----- Yes No
 - 3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter? ----- Yes No
 - 4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? ----- Yes No
 - b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck? ---- Yes No
2. If reasonable precautions not being taken:
 - a. Did the inspector perform a general VE test (20% opacity)? ----- Yes No
 - b. If tested: (_____)% opacity. Were the visible emissions < 20% opacity? ----- Yes No
 - c. What caused the problem(s) (if known)? _____

Emissions Unit Section

4 –CCB Plant-RM silo (flyash) w/baghouse subject to Reasonable Precautions

PART I: FILE REVIEW PRIOR TO INSPECTION

(check only one box for each question)

- 1. Date of last inspection: 11/18/11
- 2. Did the emissions unit use reasonable precautions during the last inspection? ----- Yes No
If not: a. Did the inspector perform a general VE test (20% opacity)? ----- Yes No
b. If tested: (_____) % opacity. Were the visible emissions < 20% opacity? ----- N/A Yes No
c. What caused the problem(s) (if known)? _____

PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.

(check only one box for each question)

Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards

- 1. Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfined emissions by:
 - a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
 - 1) paving and maintenance of roads, parking areas, stock piles, and yards? ----- Yes No
 - 2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions? ----- Yes No
 - 3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter? ----- Yes No
 - 4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? ----- Yes No
 - b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck? ---- Yes No
- 2. If reasonable precautions not being taken:
 - a. Did the inspector perform a general VE test (20% opacity)? ----- Yes No
 - b. If tested: (_____) % opacity. Were the visible emissions < 20% opacity? ----- Yes No
 - c. What caused the problem(s) (if known)? _____

Emissions Unit Section

6 –CCB Plant-RMbatcher/truckloadoutw/shroud¢.dust collector subject to Reasonable Precautions

PART I: FILE REVIEW PRIOR TO INSPECTION

(check only one box for each question)

- 1. Date of last inspection: 11/18/11
- 2. Did the emissions unit use reasonable precautions during the last inspection? ----- Yes No
If not: a. Did the inspector perform a general VE test (20% opacity)? ----- Yes No
b. If tested: (_____) % opacity. Were the visible emissions < 20% opacity? ----- N/A Yes No
c. What caused the problem(s) (if known)? _____

PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.

(check only one box for each question)

Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards

- 1. Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfined emissions by:
 - a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
 - 1) paving and maintenance of roads, parking areas, stock piles, and yards? ----- Yes No
 - 2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions? ----- Yes No
 - 3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter? ----- Yes No
 - 4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? ----- Yes No
 - b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck? ---- Yes No
- 2. If reasonable precautions not being taken:
 - a. Did the inspector perform a general VE test (20% opacity)? ----- Yes No
 - b. If tested: (_____) % opacity. Were the visible emissions < 20% opacity? ----- Yes No
 - c. What caused the problem(s) (if known)? _____

Emissions Unit Section

7-CCB Plant-weigh hopper w/baghouse batcher vent subject to Reasonable Precautions

PART I: FILE REVIEW PRIOR TO INSPECTION

(check only one box for each question)

1. Date of last inspection: 11/18/11
2. Did the emissions unit use reasonable precautions during the last inspection? ----- Yes No
If not: a. Did the inspector perform a general VE test (20% opacity)? ----- Yes No
b. If tested: (_____)% opacity. Were the visible emissions < 20% opacity? ----- N/A Yes No
c. What caused the problem(s) (if known)? _____

PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.

(check only one box for each question)

Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards

1. Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfined emissions by:
- a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
- 1) paving and maintenance of roads, parking areas, stock piles, and yards? ----- Yes No
 - 2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions? ----- Yes No
 - 3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter? ----- Yes No
 - 4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? ----- Yes No
- b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck? ---- Yes No
2. If reasonable precautions not being taken:
- a. Did the inspector perform a general VE test (20% opacity)? ----- Yes No
- b. If tested: (_____)% opacity. Were the visible emissions < 20% opacity? ----- Yes No
- c. What caused the problem(s) (if known)? _____

Emissions Unit Section

8 –CCB Plant-silo (cement/flyash) w/silotop dust collector subject to Reasonable Precautions

PART I: FILE REVIEW PRIOR TO INSPECTION

(check only one
box for each question)

1. Date of last inspection: 11/18/11
2. Did the emissions unit use reasonable precautions during the last inspection? ----- Yes No
If not: a. Did the inspector perform a general VE test (20% opacity)? ----- Yes No
b. If tested: (_____)% opacity. Were the visible emissions < 20% opacity? ----- N/A Yes No
c. What caused the problem(s) (if known)? _____

PART II: FIELD OBSERVATIONS – Rule 62-296.414(2), F.A.C.

(check only one
box for each question)

Unconfined Emissions from Truck Loading and Unloading, Hoppers, Storage and Conveying Equipment, Conveyor Drop Points, Roads, Parking Areas, Stock Piles, and Yards

1. Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfined emissions by:
- a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
- 1) paving and maintenance of roads, parking areas, stock piles, and yards? ----- Yes No
 - 2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions? ----- Yes No
 - 3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter? ----- Yes No
 - 4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? ----- Yes No
- b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck? ---- Yes No
2. If reasonable precautions not being taken:
- a. Did the inspector perform a general VE test (20% opacity)? ----- Yes No
- b. If tested: (_____)% opacity. Were the visible emissions < 20% opacity? ----- Yes No
- c. What caused the problem(s) (if known)? _____

Facility Section (continued)

CONFIRMATION OF GENERAL PERMIT ELIGIBILITY

1. Does this facility keep records to show that it does not have the potential to emit:
- a. 10 tons per year or more of any hazardous air pollutant? ----- Yes No
- b. 25 tons per year or more of any combination of hazardous air pollutants? ----- Yes No
- c. 100 tons per year or more of any other regulated air pollutant? ----- Yes No
2. Does this facility include:
- a. Any emission units or activities not covered by the applicable air general permit (with the exception of units and activities that are exempt from permitting pursuant to subsection Rule 62-210.300(3) or Rule 62-4.040, F.A.C.)? ----- Yes No
 If YES, what non-exempt units or activities? _____
- b. Any emissions units or activities authorized by another air general permit where such other air general permit and this general permit specifically allow the use of one another at the same facility? ----- Yes No
 If YES, what other general permit units or activities? _____
3. Is the total combined annual facility-wide fuel usage of all plants less than or equal to:
- a. 275,000 gallons of diesel fuel? ----- Yes No
- b. 23,000 gallons of gasoline? ----- Yes No
- c. 44 million standard cubic feet on natural gas? ----- Yes No
- d. 1.3 million gallons of propane? ----- Yes No
- e. Or an equivalent prorated amount if multiple fuels are used onsite (use equation below)? ----- Yes No
- $$\frac{\text{gal diesel/yr}}{275,000 \text{ gal diesel/yr}} + \frac{\text{gal gasoline/yr}}{23,000 \text{ gal gasoline/yr}} + \frac{\text{MM SCF nat. gas/yr}}{44 \text{ MM SCF nat. gas/yr}} + \frac{\text{MM gal propane/yr}}{1.3 \text{ MM gal propane/yr}} \leq 1.00?$$
4. Has the owner/operator maintained, available for inspection, site-wide records of monthly fuel consumption for each consecutive 12-period for the past 5 years? ----- Yes No

GENERAL CONDITIONS

1. Has the owner or operator allowed the circumvention of any air pollution control device, or allowed the emission of air pollutants without the proper operation of all applicable air pollution control devices? ----- Yes No
2. Does the owner or operator:
- a. Maintain the authorized facility in good condition? ----- Yes No
- b. Ensure that the facility maintains its eligibility to use the air general permit and complies with all terms and conditions of the air general permit? ----- Yes No
3. Has the owner or operator allowed you, as the duly authorized representative of the Department, access to the facility at reasonable times to inspect and test and to determine compliance with the air general permit and Department rules? ----- Yes No

RELOCATABLE PLANT:

(check only one box for each question)

- 1. Is the facility: stationary ; relocatable ; or consisting of both stationary and relocatable concrete batching and/or nonmetallic mineral processing plants? *(If only stationary, skip the following question 2.)*
- 2. Is the relocatable concrete batching plant used to mix cement and soil for onsite soil augmentation or stabilization? ----- Yes No
(If YES, answer 2. a and 2. b; if NO, answer question 2.c below.)
 - a. Did the owner or operator notify the appropriate Department or Local Air Program by telephone, e-mail, fax, or written communication at least one business day prior to changing location? ----- Yes No
 - b. Did the owner or operator transmit a Facility Relocation Notification Form [DEP No. 62-210.900(6)] to the Department or Local Air Program no later than five business days following a relocation? ---- Yes No
 - c. Did the owner or operator transmit a Facility Relocation Notification Form [DEP No. 62-210.900(6)] to the appropriate Department or Local Air Program at least five business days prior to relocation? --- Yes No
- 3. If the relocatable plant was co-located at a facility with a separate air construction or air operation permit, and the relocatable batch plant is not included as an emissions unit in that separate permit:
 - a. Was the relocatable batch plant being used for a non-routine purpose (i.e, there is no repeated usage)? Yes No
 If YES, what was the purpose?
 - b. Were records kept by the owner/operator to indicate how long it was co-located at the permitted facility? ----- Yes No
 If YES, were any periods more than 6 months in duration? ----- Yes No

CHANGES

(check only one box for each question)

Administrative Changes:

- 1. Were there any changes in the name, address, or phone number of the facility or authorized representative not associated with a change in ownership or with a physical relocation of the facility or any emissions units or operations comprising the facility; or any other similar minor administrative change at the facility? ---- Yes No
- 2. If YES, did the facility provide written notification within 30 days of the change? ----- Yes No

New or Modified Process Equipment or Change in Ownership:

- 3. Since the last registration form submittal has there been
 - a. Installation of any new process equipment? ----- Yes No
 - b. Alterations to existing process equipment without replacement? ----- Yes No
 - c. Replacement of existing equipment with equipment that is substantially different? ----- Yes No
 - d. A change in ownership? ----- Yes No
- 4. If the answer to any question 3a. – d. is YES, was a new registration form and the appropriate fee submitted 30 days prior to the change? ----- Yes No

Patrick Farris

6/20/13

Inspector's Name (Please Print)

Date of Inspection



N/A

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: The facility was clean and well kept at the time of the inspection.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility CEMEX Ocala North Ready Mix Plant 619 SW 17 th Street Ocala, FL 34474	WAFR ID: FLG110396	County Marion Phone	Entry Date/Time 6/20/13 @ Exit Date/Time 6/20/13
Name(s) of Field Representatives(s) Jim Lane	Title Operations Manager	Phone	
Name and Address of Permittee or Designated Representative Thomas Sheffield CEMEX Construction Materials of Florida, Inc. 3820 Northdale Blvd., Suite 100B Tampa, FL 33624	Title Vice President/ General Manager	Phone	@ Operator Certification #

Inspection Type: <input type="checkbox"/> C <input type="checkbox"/> E <input type="checkbox"/> I <input type="checkbox"/>	Samples Taken(Y/N):	@ Sample ID#:	Samples Split (Y/N):
<input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Industrial	Were Photos Taken(Y/N):	@ Log book Volume :	@ Page



FACILITY COMPLIANCE AREAS EVALUATED

IC: In Compliance; MC: Minor Out of Compliance; NC: Out of Compliance SC: Significant Non-Compliance;
NA: Not Applicable; NE or Blank: Not Evaluated

Significant Non-Compliance Criteria Should be Reviewed When Out of Compliance Ratings Are Given in Areas Marked by a "♦"

	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
IC	1. ♦ Permit	NA	3. Laboratory	IC	6. Facility Site Review	NA	9. ♦ Effluent Quality
NA	2. ♦ Compliance Schedules	NA	4. Sampling	NA	7. Flow Measurement	NA	10. ♦ Effluent Disposal
		IC	5. ♦ Records & Reports	IC	8. ♦ Operation & Maintenance	NA	11. Biosolids/Sludge
						NA	12. Groundwater
IC	14. Other:					NA	13. SSO Survey

Facility and/or Order Compliance Status: <input checked="" type="checkbox"/> In-Compliance <input type="checkbox"/> Out-Of-Compliance <input type="checkbox"/> Significant-Out-Of-Compliance
Recommended Actions: Letter

Name(s) and Signature(s) of Inspector(s) Patrick Farris 	District Office/Phone Number 407-897-4137	Date 7/17/13
@ Signature of Reviewer Reggie Phillips 	District Office/Phone Number 407-897-4132	Date 7/17/13

Single Event Violation Code(s): _____

INSPECTION REPORT SUMMARY

Facility Name: CEMEX Ocala North Ready Mix Plant
Facility ID: FLG110396
Inspection Type: CEI
Inspection Date: 6/20/13

FACILITY BACKGROUND:

Facility Address: 619 SW 17th St., Ocala, FL 34474
Program/ Permit Information: IW, permit issue date: 07/15/2001, expiration date: 07/14/2016
Treatment Summary: Concrete Batch Plant, Type I and Type II wastewater treatment
Permitted Capacity: N/A

1. **Permit:** RATING – In-Compliance

A copy of the current permit was available onsite.

2. **Compliance Schedules:** RATING – Not Applicable

3. **Laboratory:** RATING – Not Applicable

4. **Sampling:** RATING – Not Applicable

5. **Records and Reports:** RATING – In-Compliance

A Wastewater Stormwater Management Plan and Best Management Practice Plan were available onsite.

6. **Facility Site Review:** RATING – In-Compliance

The Type II containment system appears to have adequate freeboard. The water clarity improved from the first washout pit to the final pit. All Type II wastewater was flowing back into the Type II System. All wastewater from the Type II System is pumped into the reclaimed storage tank and is reused for truck washouts.

7. **Flow Measurement:** RATING – Not Applicable

8. **Operation and Maintenance:** RATING – In-Compliance

The facility appeared to be well maintained. No wastewater was discharging offsite at the time of the inspection.

9. **Effluent Quality:** RATING – Not Applicable

10. **Effluent Disposal:** RATING – Not Applicable

11. **Biosolids/Sludge:** RATING – Not Applicable

12. **Groundwater Quality:** RATING – Not Applicable

13. **SSO Survey:** RATING – Not Applicable

14. **Other:** RATING – Not Applicable