



CONCRETE BATCHING PLANT



COMPLIANCE INSPECTION CHECKLIST

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

AIRS ID#: 0850003 **DATE:** 1/31/12 **ARRIVE:** 10:12 **DEPART:** 11:30
FACILITY NAME: CEMEX-STUART READY-MIX
FACILITY LOCATION: 1232 S DIXIE HWY
 STUART 34994
OWNER/AUTHORIZED REPRESENTATIVE: JEFFREY PORTER **PHONE:** (561)820-8415
Email: Jeffreyr.porter@cemex.com **Mobile:** (561)718-7564
CONTACT NAME: GEOFFREY FANNING **PHONE:** (772)287-0502
Email: **Mobile:**
ENTITLEMENT PERIOD: 5/22/2011 / 5/22/2016
(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): Geoffrey Fanning

Brief Notes: _____

2. Is the Authorized Representative still JEFFREY PORTER? ----- 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 GEOFF FANNING? ----- 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

2-CCB Plant-split silo(cement)comp #2w/cartridgedust collector subject to Reasonable Precautions

PART I: FILE REVIEW PRIOR TO INSPECTION

- 1. Date of last inspection: 2/8/2011
- 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: (0)% 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.

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: (0)% opacity. Were the visible emissions < 20% opacity? ----- Yes No
 - c. What caused the problem(s) (if known)? _____

Emissions Unit Section

3 –CCB Plant-split silo(cement)comp #1w/cartridgedust collector subject to Reasonable Precautions

PART I: FILE REVIEW PRIOR TO INSPECTION

- 1. Date of last inspection: 2/8/2011
- 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: (0)% 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.

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: (0)% opacity. Were the visible emissions < 20% opacity? ----- Yes No
 - c. What caused the problem(s) (if known)? _____

Emissions Unit Section

5 –CCB Plant-truck loadout w/central baghouse dust collector subject to Reasonable Precautions

PART I: FILE REVIEW PRIOR TO INSPECTION

- 1. Date of last inspection: 2/8/2011
- 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: (0)% 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.

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 | | (check <input checked="" type="checkbox"/> only one box for each question) | |
|--|---|--|--|
| 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? ----- | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| b. 25 tons per year or more of any combination of hazardous air pollutants? ----- | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| c. 100 tons per year or more of any other regulated air pollutant? ----- | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> 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.)? ----- | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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? ----- | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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? ----- | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| b. 23,000 gallons of gasoline? ----- | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| c. 44 million standard cubic feet on natural gas? ----- | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| d. 1.3 million gallons of propane? ----- | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |
| e. Or an equivalent prorated amount if multiple fuels are used onsite (use equation below)? ----- | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> 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? ----- | | | |
| | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | |

| GENERAL CONDITIONS | | (check <input checked="" type="checkbox"/> only one box for each question) | |
|---|---|--|--|
| 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? ----- | | | |
| | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |
| 2. Does the owner or operator: | | | |
| a. Maintain the authorized facility in good condition? ----- | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> 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? ----- | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> 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? ----- | | | |
| | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> 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

Nicole Stallings

1/31/12

Inspector's Name (Please Print)

Date of Inspection

Nicole Stallings

12/30/13

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: No violations observed.