



# CONCRETE BATCHING PLANT

## COMPLIANCE INSPECTION CHECKLIST



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

**AIRS ID#:** 1010007 **DATE:** 8-30-2011 **ARRIVE:** 10:15AM **DEPART:** 11:00AM

**FACILITY NAME:** LAND O' LAKES RM FACILITY

**FACILITY LOCATION:** 1714 DALE MABRY HWY  
LUTZ 33548-3013

**OWNER/AUTHORIZED REPRESENTATIVE:** JASON JONES **PHONE:** (813)269-1240  
**Email:** jasonp.jones@cemex.com **Mobile:** (813)363-6112

**CONTACT NAME:** JASON JONES **PHONE:** (813)269-1240  
**Email:** jasonp.jones@cemex.com **Mobile:** (813)363-6112

**ENTITLEMENT PERIOD:** 2/20/2009 / 2/20/2014  
(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): Clyde Fortner  
 Brief Notes: Plant Manager

2. Is the Authorized Representative still JASON JONES? -----  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 JASON JONES? -----  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

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

**PART I: FILE REVIEW PRIOR TO INSPECTION**

- 1. Date of last inspection: 11-16-2009
- 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.**

**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-silo (cement) w/silo baghouse subject to Reasonable Precautions**

**PART I: FILE REVIEW PRIOR TO INSPECTION**

- 1. Date of last inspection: 11-16-2009
- 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.**

**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-silo (slag) w/silo baghouse subject to Reasonable Precautions

**PART I: FILE REVIEW PRIOR TO INSPECTION**

- 1. Date of last inspection: 11-16-2009
- 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.**

**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 (flyash) w/silo baghouse subject to Reasonable Precautions**

**PART I: FILE REVIEW PRIOR TO INSPECTION**

- 1. Date of last inspection: 11-16-2009
- 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.**

**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**

**9 -CCB Plant-weigh hopper/scale with individual baghouse subject to Reasonable Precautions**

**PART I: FILE REVIEW PRIOR TO INSPECTION**

- 1. Date of last inspection: 11-16-2009
- 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.**

**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  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? -----  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**

(check  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? -----  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

Chris Haines & Joe Panetta

8-30-11

Inspector's Name (Please Print)

Date of Inspection

*Chris Haines*

*Joe Panetta*

8-30-13

Inspector's Signature

Approximate Date of Next Inspection

**COMMENTS:** Mr. Panetta and I (Chris Haines) arrived at the facility at approximately 10: 15AM. Upon arrival, we entered the main office and spoke with Mr. Clyde Fortner, who is the plant manager at the facility. We asked to see his throughput records, and any maintenance records that he had for the dust collector and baghouses at the facility. I reviewed the maintenance records as well as their copy of the current permit and the last VE test that was performed at the facility. I then informed Mr. Fortner that he was required to have a VE done before the end of the fiscal year at this facility. He informed Mr. Panetta and I that Mr. Jason Jones is in charge of scheduling the compliance tests for the facility, and that he would also be able to help us with the throughput records for the facility. Mr. Panetta called Mr. Jones and asked for the records, he said he would relay them to us electronically (received 9-13-11, see attached). We then went on to inspect the facility grounds for fugitive dust and equipment inspection. No violations were



witnessed at the facility during the inspection. We concluded our meeting with Mr. Fortner and departed at approximately 11:00AM.

## Haines, Chris

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**From:** Jones, Jason P [JPJones@cemexusa.com]  
**Sent:** Tuesday, September 13, 2011 4:17 PM  
**To:** Haines, Chris  
**Subject:** FW: Land O' Lakes RM



### Jason P. Jones

Environmental Manager – West Florida - United States of America  
Office: (813) 269-1240 Fax: (813) 269-1030 Mobile: (813) 363-6112  
Address: 3820 Northdale Blvd. Suite 100-B, Tampa Fl, 33624  
E-Mail: [jasonp.jones@cemex.com](mailto:jasonp.jones@cemex.com)  
[www.cemexusa.com](http://www.cemexusa.com)



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**From:** Jones, Jason P  
**Sent:** Monday, September 12, 2011 9:45 AM  
**To:** 'joe.panetta@dep.state.fl.us'  
**Subject:** Land O' Lakes RM

Joe,

The cement and Flyash usage at the Land O' Lakes RM plant from 9-1-2010 To 9-1-2011 is as follows:

Cement: 5316 Tons  
Flyash: 1848 Tons

Sorry this took so long. If you have any other questions, give me a shout.

Thanks,



### Jason P. Jones

Environmental Manager – West Florida - United States of America  
Office: (813) 269-1240 Fax: (813) 269-1030 Mobile: (813) 363-6112  
Address: 3820 Northdale Blvd. Suite 100-B, Tampa Fl, 33624  
E-Mail: [jasonp.jones@cemex.com](mailto:jasonp.jones@cemex.com)  
[www.cemexusa.com](http://www.cemexusa.com)



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