



CONCRETE BATCHING PLANT



COMPLIANCE INSPECTION CHECKLIST

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

AIRS ID#: 1190031 **DATE:** 2/04/09 **ARRIVE:** 1:15pm **DEPART:** 2:56 pm
FACILITY NAME: WILDWOOD READY-MIX PLANT
FACILITY LOCATION: 4270 CR 124-A (Dairyman's Rd.)
 WILDWOOD 34785-8703
OWNER/AUTHORIZED REPRESENTATIVE: SIGURD BO **PHONE:** (407)841-8409
CONTACT NAME: Dennis Jackson **PHONE:** (352)330-3603
ENTITLEMENT PERIOD: 10/12/2008 / 10/12/2013
 (effective date) (end date)

PART I: INSPECTION COMPLIANCE STATUS (check only one box)
 IN COMPLIANCE MINOR Non-COMPLIANCE SIGNIFICANT Non-COMPLIANCE

PART II: TESTING/RECORDKEEPING REQUIREMENTS – Rule 62-296.414, F.A.C.
 (check appropriate box(es))

Stack Emissions

1. Were visible emissions tests conducted during this site visit according to EPA Method 9 (Ref.: Chapter 62-297, F.A.C.)?----- Yes No
2. Are emissions from silos, weigh hoppers (batchers), and other enclosed storage and conveying equipment controlled to the extent necessary to limit visible emissions to 5 percent opacity?----- Yes No
3. During visible emissions tests of the silo dust collector exhaust points was the loading of the silo conducted at a rate that is representative of the normal silo loading rate, or at least at the minimum 25 tons per hour rate, unless such rate is unachievable in practice?----- Yes No
4. Are emissions from the weigh hopper (batcher) operation controlled by the silo dust collector? (If answer to this question is “Yes”, then continue on to questions 4.a) and 4.b) below. If answer is “No” then skip 4.a) and 4.b) and continue on to question 5.)----- Yes No
 - a) Was the batching operation in operation during the visible emissions test?----- Yes No
 - b) During the visible emissions test, was the batching rate representative of the normal batching rate and duration?----- Yes No
5. If emissions from the weigh hopper (batcher) operation are controlled by a dust collector, which is separate from the silo dust collector, are the visible emissions tests of the weigh hopper (batcher) dust collector conducted while batching at a rate that is representative of the normal batching rate and duration?----- Yes No

PART II: TESTING/RECORDKEEPING REQUIREMENTS – Rule 62-296.414, F.A.C. – (continued)

(check appropriate box(es))

Compliance Demonstration - (Rule 62-296.401(5)(i), F.A.C.)

1. Is each dust collector exhaust point tested according to the visible emissions limiting standard as part of the annual compliance demonstration? (Rule 62-297.310(7)(a), F.A.C.)----- Yes No

New Facilities – (permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits)

2. Did this facility demonstrate:
- a) initial compliance no later than 30 days after beginning operation?----- Yes No
- b) annual compliance within 60 days prior to each anniversary of the air general permit notification form submittal date?----- Yes No

Existing Facilities – (permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits)

3. In order to demonstrate annual compliance, was an annual visible emissions test conducted 60 days prior to the AGP Notification form submission, and within 60 days prior to each anniversary date?----- Yes No

Test Reports – (Rules 62-213.440, F.A.C. and 62-297.310(8)(b), F.A.C.)

4. Was the required test report filed with the department as soon as practical, but no later than 45 days after the test was completed?----- Yes No

PART III: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-210.300(4)(c)2., F.A.C.

(check appropriate box(es))

1. Is this facility: 1) a stationary ; 2) a relocatable ; or does it have: 3) both, stationary and relocatable concrete batching and/or nonmetallic mineral processing plants? (*Please check only one box.*)
2. If this is a stationary concrete batching plant, is there one or more relocatable nonmetallic mineral processing plants using individual air general permits at the same location? (*If your answer to this question is YES, then proceed to questions 2.a), thru 2.d), below.*)----- Yes No
- a) Are there any additional nonexempt units located at this facility?----- Yes No
- b) Is the total combined annual facility-wide fuel oil usage of all plants less than 240,000 gallons per calendar year?----- Yes No
- c) Is the quantity of material processed less than ten million tons per calendar year?----- Yes No
- d) Is the fuel oil sulfur content 0.5% by weight or less?----- Yes No
3. Does the owner/operator of the concrete batching plant maintain a log book or books to account for:
- a) fuel consumption on a monthly basis?----- Yes No
- b) material processed on a monthly basis?----- Yes No
- c) the sulfur content of the fuel being burned (Fuel supplier certifications)?----- Yes No

PART III: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-296.414(2)(a) and (b), F.A.C. (continued)

(check appropriate box(es))

Unconfined Emissions – (Rule 62-296.320(4)(c), F.A.C.)

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

PART IV: SPECIAL CONDITIONS AND PROCEDURES – Rule 62-210.300(4)(d)4., F.A.C.

A. New or Modified Process Equipment

1. Since the last inspection 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 substantially different than that noted on the most recent notification form?----- Yes No
 - d) If you answered **YES** to any of the above, did the owner submit a new and complete notification form and appropriate fee (Rule 62-4.050, FAC) to the appropriate DEP or local program office?----- Yes No

Wendy D. Simmons

2/4/09

Inspector's Name (Please Print)

Date of Inspection

02/2012

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: Pre-inspection review: Need to get a copy of 2005 Visible Emissions(VE) testing. Inspection findings: Sprinklers were in operation upon my arrival at the facility. Testing is scheduled for 1:30 pm today. VE Testing on the batching mixer/truck load out's Central Dust Collector Emission Unit (EU) #4 was conducted prior to 1:30pm. When I was made aware of this, I told Ryan Peterson of Arlington that additional testing should be conducted for this emission unit since the facility notified the Department that the testing would begin at 1:30pm. Additional testing of the Central Dust Collector EU#4 was conducted at 2:30pm. I asked facility contact for records of 2005 VE testing, since ARM's indicates only one emission unit was tested. On 02/05/2009, the 2005 VE testing was provided by Arlington via email and a copy of the testing is attached to this report. Dennis Jackson, the plant's current operations manager answered inspection checklist questions. Cement Silo EU #1 was not completely empty and I was notified of this prior to the start of testing on this unit. VE testing was conducted for only 20 minutes instead of 30 minutes for EU #1. I explained to Mr. Jackson of CEMEX and Ryan Peterson of Arlington that the Department may require additional testing for this emission unit. After discussions with Danielle Henry on this day, the Department asked that the facility go ahead and submit the testing from today and if a retest is required, the Department will notify them. Fuel delivery records were presented for my review and upon request a copy of a recent delivery receipt providing proof of fuel sulfur content was given to me for the Department's records. The facility's yard and roadways were free of large quantities of particulate material and some roadways were wet. Photos were taken during my site visit and are attached to this report. VE testing was received timely on February 25, 2009. On March 13, 2009, Danielle Henry notified Mr. Sigurd Bo of CEMEX and Debra Carter of Arlington Environmental that additional testing for EU #1 will need to be conducted prior to December 31, 2009, see attached email. Additional VE testing for this facility was scheduled for 04/10/2009.