



CONCRETE BATCHING PLANT

COMPLIANCE INSPECTION CHECKLIST



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

AIRS ID#: 0330098		DATE: <u>04/14/2006</u>	ARRIVE: _____	DEPART: _____
FACILITY NAME: SORRENTO ROAD PLANT				
FACILITY LOCATION: Sorrento Road GULF BEACH 32514				
RESPONSIBLE OFFICIAL: TONY HATCHER			PHONE: (850)477-2899	
CONTACT NAME: Noah McBride			PHONE: (477)289-9	
REMITTANCE YEAR:		ENTITLEMENT PERIOD: 4/26/2003 / 4/26/2008 (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 logbook 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, stockpiles, 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

Charles Norman

4/14/2006

Inspector's Name (Please Print)

Date of Inspection

April 2007

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: This facility includes a cement silo, a fly-ash silo, and various hoppers & conveyors. Cement and fly ash are pneumatically loaded into the silos. Particulate emissions are controlled by a single baghouse/vacuum system, which serves both silos, the weigh hopper and the loading spout.

Part II. Permit Terms and Conditions

Permit Condition Comments

(4)(a) Visible emissions limits from silos, weigh hoppers and other enclosed storage and conveying equipment shall be controlled to limit the opacity to 5%. Loading operations for several cement mixer trucks were observed. No visible emissions were noted. The silos were not being loaded during the inspection.

(4)(b)1 Reasonable precautions shall be taken to control unconfined emissions from hoppers, storage and conveying equipment, conveyor drop points, tuck loading and unloading roads, parking area, stock piles and yards. The yard is unpaved. Much of the traffic area was wet from normal operations such as truck washing. The ground near the entrance was dry, but the dust raised was minimal since the trucks were moving slowly. The tops of the material piles were near the tops of the walls. No wind blown emissions were noted, but care should be taken so as not to allow the piles to get high enough to cause wind blown emissions. The material piles on the east side of the facility have sprinklers, which can be used to mitigate dust during operations. Those on the west side do not.

(4)(b)2 Controlling fugitive dust from the drop point into the cement mixer truck. These emissions are controlled by the dust collector system.

(4)(c), (d) & (e) Annual VE Testing. The anniversary date of Permit 0330098-003-AG is March 26, thus annual VE testing is required to be performed in the 60-day period prior to March 26. The facility passed testing March 22, 2006.

RECOMMENDATIONS: Provide a sprinkler system for the material piles on the west side of the plant and a sprinkler or water truck to control dust over the remainder of the yard.