



CONCRETE BATCHING PLANT



COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2) ^{INS 3} COMPLAINT/DISCOVERY (CI)
 RE-INSPECTION (FUI) ARMS COMPLAINT NO:

AIRS ID#: 1110001 DATE: 7/25/07 ARRIVE: 10:00 AM DEPART: 11:20 AM
 FACILITY NAME: CONTINENTAL/FT. PIERCE/READY MIX PLANT
 FACILITY LOCATION: 4550 GLADES CUT-OFF RD
 FORT PIERCE 34981
 RESPONSIBLE OFFICIAL: JACK RAIMONDI PHONE: (954)858-0780
 CONTACT NAME: Fred Topple PHONE: —
 REMITTANCE YEAR: ENTITLEMENT PERIOD: 7/10/2006 / 7/10/2011
 (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

- Were visible emissions tests conducted during this site visit according to EPA Method 9 (Ref.: Chapter 62-297, F.A.C.)? Yes No
- 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
- 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
- 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
 - Was the batching operation in operation during the visible emissions test? Yes No
 - During the visible emissions test, was the batching rate representative of the normal batching rate and duration? Yes No
- 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
- to be submitted*

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
- N/A*

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

Allen Rainey

Inspector's Name (Please Print)

7/25/07

Date of Inspection

Allen J. Rainey

Inspector's Signature

7/25/08

Approximate Date of Next Inspection

COMMENTS:

- ① Performed VE observations on New Plant #1 + New Plant #2.
- ② Large puddles of water in roadways due to heavy rain for past two days. Drains are slow to drain the water. Aggregate piles are being sprinkled using water from drainage
- ③ No visible emissions noted from any silo baghouses, truck batchers or trucks travel. No fugitive emissions noted.
- ④ Unable to observe truck hookup to silos from observation point on other side of Glades Cut-off Rd.



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME					
Continental Florida Materials			7/25/07				10:34 AM		10:45 AM					
ADDRESS			SEC		MIN		SEC		MIN		SEC			
4550 Glades Cut-off Rd.			0	15	30	45	0	15	30	45				
CITY			STATE		ZIP		MIN		SEC					
Ft. Pierce			FL		32981		31		32					
PHONE			SOURCE ID NUMBER		MIN		SEC		MIN		SEC			
-			New Plant #1		33		34		35					
PROCESS EQUIPMENT			OPERATING MODE		MIN		SEC		MIN		SEC			
Silo Filling (gray cement)			12 psi		36		37		38					
CONTROL EQUIPMENT			OPERATING MODE		MIN		SEC		MIN		SEC			
baghouse			Normal		39		40		41					
DESCRIBE EMISSION POINT			START		STOP		MIN		SEC					
baghouse vent			STOP		Same		42		43					
HEIGHT ABOVE GROUND LEVEL			START		STOP		MIN		SEC					
60'			60'		60'		44		45					
DISTANCE FROM OBSERVER			START		STOP		MIN		SEC					
200'			200'		105°		46		47					
DESCRIBE EMISSIONS			START		STOP		MIN		SEC					
None			None		None		48		49					
EMISSION COLOR			START		STOP		MIN		SEC					
STOP			STOP		STOP		50		51					
WATER DROPLETS PRESENT			START		STOP		MIN		SEC					
NO <input type="checkbox"/> YES <input type="checkbox"/>			ATTACHED <input type="checkbox"/>		DETACHED <input type="checkbox"/>		52		53					
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			START		STOP		MIN		SEC					
none			none		none		54		55					
DESCRIBE BACKGROUND			START		STOP		MIN		SEC					
sky			sky		sky		56		57					
BACKGROUND COLOR			START		STOP		MIN		SEC					
gray			gray		broken		58		59					
WIND SPEED			START		STOP		MIN		SEC					
3-5			3-5		NNW		60		60					
AMBIENT TEMP.			WET BULB TEMP.		RH, percent		MIN		SEC					
STOP			-		-		60		60					
<div style="text-align: center;"> <p>Source Layout Sketch Draw North Arrow</p> <p>The sketch shows an emission point at the top, a horizontal line representing Glades Cut-off Rd., and an observer position at the bottom. A sun location line is drawn at a 140-degree angle from the observer. Wind direction is indicated by an arrow pointing towards the observer.</p> </div>			AVERAGE OPACITY FOR HIGHEST PERIOD				NUMBER OF READINGS ABOVE % WERE							
			RANGE OF OPACITY READINGS				MINIMUM				MAXIMUM			
			OBSERVER'S NAME (PRINT)				OBSERVER'S SIGNATURE				DATE			
			OBSERVER'S NAME (PRINT)				OBSERVER'S SIGNATURE				DATE			
COMMENTS			OBSERVER'S SIGNATURE				DATE							
			Allen Rainey				7/25/07							
			ORGANIZATION				DATE							
			SE District DEP				7/21/07							
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE			CERTIFIED BY				DATE							
			ETA				7/21/07							
TITLE			VERIFIED BY				DATE							



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME				STOP TIME			
Continental Florida Materials			7/25/07				10:51 AM				11:02 AM			
ADDRESS			SEC		MIN		SEC		MIN		SEC		MIN	
4550 Glades Cut - OFF Rd.			0	15	30	45	0	15	30	45	0	15	30	45
CITY			STATE		ZIP		1		2		3		4	
Ft. Pierce			FL		34981		0		0		0		0	
PHONE			SOURCE ID NUMBER		4		0		0		0		0	
-			New plant # 2		0		0		0		0		0	
PROCESS EQUIPMENT			OPERATING MODE		5		0		0		0		0	
Silo Filling cement			10 PSI		0		0		0		0		0	
CONTROL EQUIPMENT			OPERATING MODE		6		0		0		0		0	
Baghouse			Normal		0		0		0		0		0	
DESCRIBE EMISSION POINT			7		0		0		0		0		0	
START Baghouse vent STOP same			8		0		0		0		0		0	
HEIGHT ABOVE GROUND LEVEL			HEIGHT RELATIVE TO OBSERVER		9		0		0		0		0	
START 60' STOP 60'			START 60' STOP 60'		10		0		0		0		0	
DISTANCE FROM OBSERVER			DIRECTION FROM OBSERVER		11		0		0		0		0	
START 200' STOP 200'			START 105° STOP 105°		12		0		0		0		0	
DESCRIBE EMISSIONS			13		0		0		0		0		0	
START None STOP None			14		0		0		0		0		0	
EMISSION COLOR			PLUME TYPE: CONTINUOUS <input type="checkbox"/>		15		0		0		0		0	
START STOP			FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>		16		0		0		0		0	
WATER DROPLETS PRESENT:			IF WATER DROPLET PLUME:		17		0		0		0		0	
NO <input type="checkbox"/> YES <input type="checkbox"/>			ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		18		0		0		0		0	
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			19		0		0		0		0		0	
START STOP			20		0		0		0		0		0	
DESCRIBE BACKGROUND			21		0		0		0		0		0	
START sky STOP sky			22		0		0		0		0		0	
BACKGROUND COLOR			SKY CONDITIONS		23		0		0		0		0	
START gray STOP gray			START broken STOP broken		24		0		0		0		0	
WIND SPEED			WIND DIRECTION		25		0		0		0		0	
START 3-5 STOP 3-5			START NNW STOP NNW		26		0		0		0		0	
AMBIENT TEMP.			WET BULB TEMP.		27		0		0		0		0	
START STOP			RH, percent		28		0		0		0		0	
29			30		0		0		0		0		0	
Source Layout Sketch			Draw North Arrow		31		0		0		0		0	
					32		0		0		0		0	
AVERAGE OPACITY FOR HIGHEST PERIOD			NUMBER OF READINGS ABOVE % WERE		33		0		0		0		0	
RANGE OF OPACITY READINGS MINIMUM			MAXIMUM		34		0		0		0		0	
OBSERVER'S NAME (PRINT)			35		0		0		0		0		0	
Allen Rainey			36		0		0		0		0		0	
OBSERVER'S SIGNATURE			DATE		37		0		0		0		0	
Allen Rainey			7/25/07		38		0		0		0		0	
COMMENTS			ORGANIZATION		39		0		0		0		0	
Last test 6/28/06			SE District DEP		40		0		0		0		0	
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			CERTIFIED BY		41		0		0		0		0	
SIGNATURE			ETA		42		0		0		0		0	
DATE			DATE		43		0		0		0		0	
9/11/07			DATE		44		0		0		0		0	
TITLE			DATE		45		0		0		0		0	
DATE			DATE		46		0		0		0		0	
DATE			DATE		47		0		0		0		0	
DATE			DATE		48		0		0		0		0	
DATE			DATE		49		0		0		0		0	
DATE			DATE		50		0		0		0		0	
DATE			DATE		51		0		0		0		0	
DATE			DATE		52		0		0		0		0	
DATE			DATE		53		0		0		0		0	
DATE			DATE		54		0		0		0		0	
DATE			DATE		55		0		0		0		0	
DATE			DATE		56		0		0		0		0	
DATE			DATE		57		0		0		0		0	
DATE			DATE		58		0		0		0		0	
DATE			DATE		59		0		0		0		0	
DATE			DATE		60		0		0		0		0	