

## **CONCRETE BATCHING PLANT**



### COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE:       ANNUAL (INS1, INS2)       COMPLAINT/DISCOVERY (CI)         RE-INSPECTION (FUI)       ARMS COMPLAINT NO:
AIRS ID#: 1130028 DATE: 5/26/09       ARRIVE: 10:05 AM       DEPART: 10:09 AM
FACILITY NAME: MIDWAY PLANT
FACILITY LOCATION: 1623 OCEANBREEZE LANE
GULF BREEZE 32561
OWNER/AUTHORIZED REPRESENTATIVE: NOAH MCBRIDE PHONE: (850)477-2899
<b>CONTACT NAME:</b> Erin Christie, Environmental Coordinator <b>PHONE:</b> (205)986-4856
ENTITLEMENT PERIOD: 2/27/2005 / 2/27/2010 (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.)?
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?
<ul> <li>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.)</li></ul>
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. – (a	continued)
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(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.)
<b>New Facilities</b> – (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?
b) annual compliance within 60 days prior to each anniversary of the air general permit notification form submittal date?  [Yes ] No
<ul> <li>Existing Facilities – (permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits)</li> <li>3. In order to demonstrate annual compliance, was an annual visible emissions test conducted 60days prior to the AGP Notification form submission, and within 60 days prior to each anniversary date? Xest Complexity AGP Notification form submission, and within 60 days prior to each anniversary date?</li></ul>
<ul> <li>Test Reports – (Rules 62-213.440, F.A.C. and 62-297.310(8)(b), F.A.C.)</li> <li>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? Xero Xero Xero Xero Xero Xero Xero Xero</li></ul>

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

(check ☑	appropriate	box(es))
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1.	Is this facility:	1) a stationary $\boxtimes$ ;	2) a relocatable	; or does it have:	3) both, sta	tionary and relocata	ble 🗌
	concrete batchi	ng and/or nonmetalli	ic mineral processi	ng plants? ( <b>Please</b>	check 🗹 or	ıly one box.)	

2.	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: <u>OPERATING/RECORDKEEPING REQUIREMENTS</u> – 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 th	ne owner /operator of the concrete batching plant take reasonable precautions to control unconfined
	emissio	ons by:
	a) ma	anagement 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?
	2)	application of water or environmentally safe dust-suppressant chemicals when necessary to control
		emissions?
	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
	4)	reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of
		particulate matter from stock piles? Xyes

b) use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck?-----  $\square$  Yes  $\square$  No

🛛 No

🗌 No

🗌 No

🗌 No

PART IV: <u>SPECIAL CONDITIONS AND PROCEDURES</u> – Rule 62-210.300(4)(d)4., F.A.C. A. <u>New or Modified Process Equipment</u>		
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?	Tes	🛛 No
d) If you answered <u>YES</u> 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

Jennifer Waltrip

5/26/09

Inspector's Name (Please Print)

Inspector's Signature

Date of Inspection May 2010

Approximate Date of Next Inspection

**COMMENTS:** Department representatives conducted an unannounced annual air program compliance inspection on May 26, 2009 at the Pensacola Ready Mix Midway concrete batch plant located on Ocean Breeze Lane in Santa Rosa County. The facility was not in operation at the time and no one was present; therefore, the facility and grounds were observed from the gated entrance.

Speed limit signs were posted at the entrance to the plant to aid in controlling fugitive emissions from the yard. To prevent wind blown emissions, aggregate is stored in three-sided concrete wind breaks and the aggregate piles are maintained at or below the tops of the walls. Additionally, sprinklers are installed to wet the aggregate piles and the site is enclosed with a concrete wall. The plant has a centralized dust collector for the three silos and weigh hopper and a partial enclosure to control emissions during loading of the trucks.

The annual visible emissions (VE) test was conducted by Pensacola P.O.C., Inc., on February 18, 2009. No emissions were observed during the 30-minute test. The test results submitted to the Department did not indicate, as required, whether the batching operation was in operation during the test. Please note that future test reports should include this information. See Rule 62-296.414(3)(c), Florida Administrative Code (F.A.C.).

The Entitlement Period for this facility (authority to operate) expires on February 27, 2010. Please note that Rule 62-210.310(2)(c)2, F.A.C. requires the submittal of the proper registration form and processing fee at least 30 days prior to expiration of the facility's existing air general permit in order to avoid lapse of authority to operate.