

CONCRETE BATCHING PLANT



COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2) RE-INSPECTION (FUI		DISCOVERY (CI) AINT NO:		
AIRS ID#: 0710024 DATE: <u>11/9/11</u>	ARRIVE: <u>7:45 an</u>	m DEPART: 1:00 pm		
FACILITY NAME: BONITA SPRINGS READY	Y MIX PLANT			
FACILITY LOCATION: 25091 OLD US 4	-1 S			
BONITA SPRING	GS 34135			
	: DAVID GUILLAUME 2/15/2012 date)	PHONE: (770)392-5300 Mobile: PHONE: (239)992-1400 Mobile:		
Facility Section PART I: INSPECTION COMPLIANCE STATUS (check ☑ only one box) ☑ IN COMPLIANCE ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-COMPLIANCE				
DADE H. ONCLUE INTRODUCTORY MEETIN	NG.			
PART II: ONSITE INTRODUCTORY MEETING 1. Name(s) of facility representative(s): Brief Notes:	<u>NG</u>	(check ✓ only one box for each question)		
2. Is the Authorized Representative still DAVID G If no, who is?:	GUILLAUME?	YesNo		
If different, did the facility provide an administr 3. Is the facility contact still WAYNE BENNER? If no, who is?:				
4. Will facility be conducting VE test(s) during too If yes, was the compliance authority notified at				

Emissions Unit Section 1 -Cement silo compartment 1- Batching Facility No. 1 subject to 5% Opacity Limit

PART I: FILE REVIEW PRIOR TO INSPECTION	(check ☑	only one
1 Dete of last in an action. 12/9/09	box for each	
1. Date of last inspection: 12/8/08		,
2. Past Visible Emissions (VE) tests:	⊠ v _{os}	□ No
a. Was a VE test performed within each of the past 4 calendar years?b. Has a VE test been performed yet within the current calendar year?		∐ No
ı	K Yes	∐ No
c. If first year of operation, was a VE test performed within 30 days of commencing operation? N/A	☐ Yes	⊠ No
 d. Date of last VE test: 12/8/08 e. Was the VE test report filed with the compliance authority no later than 45 days after the test? f. Did the report state the actual silo loading rate during emissions testing? g. What was the actual silo loading rate? 36 tons/hour 		☐ No ☐ No
h. If weigh hopper(batcher) emissions controlled by the silo dust collector, did the report state whether or not batching occurred during emissions testing? N/A i. Did the test report state the actual batching rate during emissions testing?	Yes Yes	⊠ No □ No
 j. What was the actual batching rate? tons/hour k. Did the emissions unit demonstrate compliance with the 5% opacity limit during the last VE tes If not, what was the problem (if known)? 	t? 🛚 Yes	☐ No
If not, what was the problem (if known).		
DADT II. CTACK EMICCIONC former all and a large of the la		
PART II: STACK EMISSIONS from a silo, weigh hopper(batcher) or other	(check 🗹	only one
enclosed storage and conveying equipment	box for each	question)
1. Was a visible emissions test conducted by the facility for this unit during this site visit?	X Yes	☐ No
a. Was the visible emissions test conducted according to EPA Method 9?		☐ No
 b. The visible emission test resulted in an opacity of <u>0</u> % for the highest six-minute average. c. Did the visible emissions test demonstrate compliance with the 5% opacity limit?	X Yes	□ No
d. During visible emissions tests of the silo dust collector exhaust points was the loading of the sil		
that is representative of the normal silo loading rate? 🛛 Yes 🔲 No 🔲 N/A – silo not		pection.
e. If silo loaded, was the minimum loading rate of 25 tons/hour achievable in practice?	\(\text{Yes}	∐ No
f. What was the silo loading rate? tons/hour g. Are emissions from the weigh hopper (batcher) operation controlled by the silo dust collector? If YES, then continue on to questions g.1) – g.3) below. If answer NO, then skip g.1) – g.3) and g		⊠ No
1) Was the weigh hopper (batcher) in operation during the visible emissions test?	Yes	☐ No
duration? 3) What was the batching rate? tons/hour. What was the batching duration? i	Yes	☐ No
h. 1) If emissions from the weigh hopper (batcher) operation are controlled by a dust collector w		
from the silo dust collector, was the visible emissions test of the weigh hopper (batcher) dust		
conducted while batching at a rate that is representative of the normal batching rate and durat 2) What was the batching rate? tons/hour. What was the batching duration? m	tion? Yes	☐ No
2. Was a visible emissions test conducted by the inspector for this unit during this site visit?		☐ No
a. Was the visible emissions test conducted according to EPA Method 9?		☐ No
 b. The visible emission test resulted in an opacity of <u>0</u> % for the highest six-minute average. c. Did the visible emissions test demonstrate compliance with the 5% opacity limit? 	X Yes	☐ No
d. What was the process rate? 27.19 tons/hour.		

Emissions Unit Section 4 –Single compartment flyash silo - Batching Facility No. 1 subject to 5% Opacity Limit

1.	Date of last inspection: 12/22/08 Past Visible Emissions (VE) tests: a. Was a VE test performed within each of the past 4 calendar years? b. Has a VE test been performed yet within the current calendar year? c. If first year of operation, was a VE test performed within 30 days of commencing operation?	(check ☑ box for each ☐ Yes	only one question) No No No No No
	i. Did the test report state the actual batching rate during emissions testing? j. What was the actual batching rate? tons/hour k. Did the emissions unit demonstrate compliance with the 5% opacity limit during the last VE test? If not, what was the problem (if known)?		□ No
PA	ART II: STACK EMISSIONS from a silo, weigh hopper(batcher) or other enclosed storage and conveying equipment	(check 🗹 box for each	only one question)
1.	Was a visible emissions test conducted by the facility for this unit during this site visit?	⊠ Yes	☐ No
	a. Was the visible emissions test conducted according to EPA Method 9?	⊠ Yes	☐ No
	 b. The visible emission test resulted in an opacity of <u>0</u> % for the highest six-minute average. c. Did the visible emissions test demonstrate compliance with the 5% opacity limit?	⊠ Yes	☐ No
	 d. During visible emissions tests of the silo dust collector exhaust points was the loading of the silo contact that is representative of the normal silo loading rate? ∑ Yes ∑ No ∑ N/A - silo not loade. e. If silo loaded, was the minimum loading rate of 25 tons/hour achievable in practice?	ded during ins	
	f. What was the silo loading rate? tons/hour g. Are emissions from the weigh hopper (batcher) operation controlled by the silo dust collector?	☐ Yes	⊠ No
	If YES, then continue on to questions $g.1) - g.3$) below. If answer NO, then skip $g.1) - g.3$) and go to 1) Was the weigh hopper (batcher) in operation during the visible emissions test?		☐ No
	2) During the visible emissions test, was the batching rate representative of the normal batching rate duration?		☐ No
	 3) What was the batching rate? tons/hour. What was the batching duration? minute. h. 1) If emissions from the weigh hopper (batcher) operation are controlled by a dust collector which from the silo dust collector, was the visible emissions test of the weigh hopper (batcher) dust collection. 	ites n is separate	_
	conducted while batching at a rate that is representative of the normal batching rate and duration 2) What was the batching rate? tons/hour. What was the batching duration? minut	? Yes	⊠ No
2.	Was a visible emissions test conducted by the inspector for this unit during this site visit?a. Was the visible emissions test conducted according to EPA Method 9?b. The visible emission test resulted in an opacity of $\underline{0}$ % for the highest six-minute average.	⊠ Yes	☐ No ☐ No
	c. Did the visible emissions test demonstrate compliance with the 5% opacity limit? d. What was the process rate? tons/hour.	⊠ Yes	□ No

Emissions Unit Section 5 - Cement weight hopper - Batching Facility No. 1 subject to 5% Opacity Limit

ho	check 🗹 ox for each q	only one uestion)
 Date of last inspection: 12/8/08 Past Visible Emissions (VE) tests: 	1	 /
	Yes Yes	□ No□ No
operation?	Yes	☐ No
e. Was the VE test report filed with the compliance authority no later than 45 days after the test? f. Did the report state the actual silo loading rate during emissions testing? g. What was the actual silo loading rate? tons/hour	Yes Yes	☐ No ☐ No
h. If weigh hopper(batcher) emissions controlled by the silo dust collector, did the report state whether or not batching occurred during emissions testing? N/A i. Did the test report state the actual batching rate during emissions testing? j. What was the actual batching rate? tons/hour	☐ Yes ☑ Yes	☐ No ☐ No
	☑ Yes	☐ No
PART II: STACK EMISSIONS from a silo, weigh hopper(batcher) or other		
the contract of the contract o	check 🗹 ox for each q	only one
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ox for each q	destion
1. Was a visible emissions test conducted by the facility for this unit during this site visit?	Yes	☐ No
	Yes	☐ No
 b. The visible emission test resulted in an opacity of 0 % for the highest six-minute average. c. Did the visible emissions test demonstrate compliance with the 5% opacity limit? If not, what was the problem (if known)? 	☑ Yes	☐ No
d. During visible emissions tests of the silo dust collector exhaust points was the loading of the silo condu		
that is representative of the normal silo loading rate? Yes No N/A – silo not loaded e. If silo loaded, was the minimum loading rate of 25 tons/hour achievable in practice?		No
	Yes	☐ No
	Yes	☐ No
2) During the visible emissions test, was the batching rate representative of the normal batching rate a duration?		☐ No
3) What was the batching rate? tons/hour. What was the batching duration? minutes h. 1) If emissions from the weigh hopper (batcher) operation are controlled by a dust collector which is	senarate	
from the silo dust collector, was the visible emissions test of the weigh hopper (batcher) dust collector		
conducted while batching at a rate that is representative of the normal batching rate and duration? 2) What was the batching rate? tons/hour. What was the batching duration? minutes.		☐ No
2. Was a visible emissions test conducted by the inspector for this unit during this site visit? a. Was the visible emissions test conducted according to EPA Method 9?	Yes Yes	☐ No☐ No
b. The visible emission test resulted in an opacity of % for the highest six-minute average. c. Did the visible emissions test demonstrate compliance with the 5% opacity limit? d. What was the process rate? tons/hour.	☑ Yes	☐ No

Emissions Unit Section

6-Cement silo compartment 1 - Batching Facility No. 2 subject to 5% Opacity Limit PART I: FILE REVIEW PRIOR TO INSPECTION (check **☑** only one box for each question) 1. Date of last inspection: 2. Past Visible Emissions (VE) tests: a. Was a VE test performed within each of the past 4 calendar years? ------| Yes l No b. Has a VE test been performed yet within the current calendar year? ------☐ Yes No c. If first year of operation, was a VE test performed within 30 days of commencing operation? ----- \square N/A ☐ Yes □ No d. Date of last VE test: e. Was the VE test report filed with the compliance authority no later than 45 days after the test? -----Yes No f. Did the report state the actual silo loading rate during emissions testing? ------☐ No g. What was the actual silo loading rate? _____ tons/hour h. If weigh hopper(batcher) emissions controlled by the silo dust collector, did the report state ☐ Yes whether or not batching occurred during emissions testing? ----- N/A □ No i. Did the test report state the actual batching rate during emissions testing? -----Yes □ No j. What was the actual batching rate? _____ tons/hour k. Did the emissions unit demonstrate compliance with the 5% opacity limit during the last VE test?--☐ No If not, what was the problem (if known)? PART II: STACK EMISSIONS from a silo, weigh hopper(batcher) or other (check 🗹 only one enclosed storage and conveying equipment box for each question) 1. Was a visible emissions test conducted by the facility for this unit during this site visit? ------ Yes □ No a. Was the visible emissions test conducted according to EPA Method 9? ----- Yes □ No b. The visible emission test resulted in an opacity of ______ % for the highest six-minute average. c. Did the visible emissions test demonstrate compliance with the 5% opacity limit? ----- Yes □ No If not, what was the problem (if known)? d. 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? --- \square Yes \square No \square N/A – silo not loaded during inspection. e. If silo loaded, was the minimum loading rate of 25 tons/hour achievable in practice? ----- Yes No f. What was the silo loading rate? _____ tons/hour g. Are emissions from the weigh hopper (batcher) operation controlled by the silo dust collector? ---No If YES, then continue on to questions g(1) - g(3) below. If answer NO, then skip g(1) - g(3) and go to h. 1) Was the weigh hopper (batcher) in operation during the visible emissions test? ------ Yes ☐ No 2) During the visible emissions test, was the batching rate representative of the normal batching rate and duration?----- Yes □ No 3) What was the batching rate? _____ tons/hour . What was the batching duration? _____ minutes 1) If emissions from the weigh hopper (batcher) operation are controlled by a dust collector which is separate from the silo dust collector, was the visible emissions test of the weigh hopper (batcher) dust collector conducted while batching at a rate that is representative of the normal batching rate and duration? □ No 2) What was the batching rate? tons/hour. What was the batching duration? minutes. 2. Was a visible emissions test conducted by the inspector for this unit during this site visit? ------ Yes ☐ No

a. Was the visible emissions test conducted according to EPA Method 9? ----- Yes

c. Did the visible emissions test demonstrate compliance with the 5% opacity limit? ----- Yes

b. The visible emission test resulted in an opacity of ______ % for the highest six-minute average.

d. What was the process rate? _____ tons/hour.

☐ No

□ No

Emissions Unit Section 7 - Cement silo compartment 2 - Batching Facility No. 2 subject to 5% Opacity Limit

PART I: FILE REVIEW PRIOR TO INSPECTION 1. Date of last inspection: 2. Past Visible Emissions (VE) tests:	(check 🗹 o	only one uestion)
a. Was a VE test performed within each of the past 4 calendar years?		☐ No ☐ No
operation? N/A d. Date of last VE test: e. Was the VE test report filed with the compliance authority no later than 45 days after the test?	☐ Yes	□ No
f. Did the report state the actual silo loading rate during emissions testing?g. What was the actual silo loading rate? tons/hour		
h. If weigh hopper(batcher) emissions controlled by the silo dust collector, did the report state whether or not batching occurred during emissions testing? N/A i. Did the test report state the actual batching rate during emissions testing? j. What was the actual batching rate? tons/hour	Yes Yes	☐ No ☐ No
k. Did the emissions unit demonstrate compliance with the 5% opacity limit during the last VE test?- If not, what was the problem (if known)?	Yes	☐ No
PART II: STACK EMISSIONS from a silo, weigh hopper(batcher) or other	(check ☑	only one
enclosed storage and conveying equipment	box for each q	
1. Was a visible emissions test conducted by the facility for this unit during this site visit?		☐ No
a. Was the visible emissions test conducted according to EPA Method 9?b. The visible emission test resulted in an opacity of % for the highest six-minute average.	Yes	☐ No
c. Did the visible emissions test demonstrate compliance with the 5% opacity limit? If not, what was the problem (if known)?	Yes	☐ No
d. During visible emissions tests of the silo dust collector exhaust points was the loading of the silo of that is representative of the normal silo loading rate? Yes No N/A - silo not loading rate?		
e. If silo loaded, was the minimum loading rate of 25 tons/hour achievable in practice?		☐ No
f. What was the silo loading rate? tons/hour g. Are emissions from the weigh hopper (batcher) operation controlled by the silo dust collector? If YES, then continue on to questions $g.1) - g.3$ below. If answer NO, then skip $g.1) - g.3$ and go is		☐ No
 Was the weigh hopper (batcher) in operation during the visible emissions test? During the visible emissions test, was the batching rate representative of the normal batching 		☐ No
duration?	Yes	☐ No
h. 1) If emissions from the weigh hopper (batcher) operation are controlled by a dust collector whi	ich is separate	
from the silo dust collector, was the visible emissions test of the weigh hopper (batcher) dust conducted while batching at a rate that is representative of the normal batching rate and duratio 2) What was the batching rate? tons/hour. What was the batching duration? min	n? Yes	☐ No
2. Was a visible emissions test conducted by the inspector for this unit during this site visit? a. Was the visible emissions test conducted according to EPA Method 9?		☐ No ☐ No
 b. The visible emission test resulted in an opacity of % for the highest six-minute average. c. Did the visible emissions test demonstrate compliance with the 5% opacity limit? d. What was the process rate? tons/hour. 	Yes	☐ No

Emissions Unit Section 8 –Flyash/slag silo compartment 1 - Batching Facility No. 2 subject to 5% Opacity Limit

PART I: FILE REVIEW PRIOR TO INSPECTION 1. Date of last inspection: 2. Past Visible Emissions (VE) tests: a. Was a VE test performed within each of the past 4 calendar years?	Yes
If not, what was the problem (if known)?	
PART II: STACK EMISSIONS from a silo, weigh hopper(batcher) or other enclosed storage and conveying equipment	(check ☑ only one box for each question)
1. Was a visible emissions test conducted by the facility for this unit during this site visit?	Yes No
 a. Was the visible emissions test conducted according to EPA Method 9? b. The visible emission test resulted in an opacity of % for the highest six-minute average. c. Did the visible emissions test demonstrate compliance with the 5% opacity limit?	
 d. During visible emissions tests of the silo dust collector exhaust points was the loading of the silo that is representative of the normal silo loading rate? Yes No N/A – silo not lee. If silo loaded, was the minimum loading rate of 25 tons/hour achievable in practice?	oaded during inspection. Yes No Yes No to h. Yes No grate and Yes No inutes inch is separate collector on? Yes No nutes. Yes No nutes. Yes No

Facility Section (continued)

<u>C(</u>	ONFIRMATION OF GENERAL PERMIT ELIGIBILITY	(check b ox for each	
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? b. 25 tons per year or more of any combination of hazardous air pollutants? c 100 tons per year or more of any other regulated air pollutant?	☐ Yes	☐ No ☐ No ☐ No
2.	Does this facility include: a. Any emission units or activities not covered by the applicable air general permit (with the exception units and activities that are exempt from permitting pursuant to subsection Rule 62-210.300(3) or Rule 62-4.040, F.A.C.)? If YES, what non-exempt units or activities?		□ No
	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?		□ No
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?	-	☐ No
	gal diesel/yr + gal gasoline/yr + MM SCF nat. gas/yr + MM gal propagation of the self-yr 23,000 gal gasoline/yr 44 MM SCF nat. gas/yr 1.3 MM gal propagation of the self-yr 23,000 gal gasoline/yr 44 MM SCF nat. gas/yr 1.3 MM gal propagation of the self-yr 23,000 gal gasoline/yr 30,000 gal gasoline/	ne/yr	0?
4.	Has the owner/operator maintained, available for inspection, site-wide records of monthly fuel consum for each consecutive 12-period for the past 5 years?		☐ 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? b. Ensure that the facility maintains its eligibility to use the air general permit and complies with all	- Yes	☐ No
3.	terms and conditions of the air general permit?	- Yes	☐ No
	to the facility at reasonable times to inspect and test and to determine compliance with the air general	□ Yes	\square No

RELOCATABLE PLANT: 1. Is the facility: stationary ; relocatable ; or consisting of both stationary and relocatable	(check 🗹 box for each	question)
concrete batching and/or nonmetallic mineral processing plants? (<i>If only stationary, skip the follow</i> Is the relocatable concrete batching plant used to mix cement and soil for onsite soil augmentation or stabilization?		☐ 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? b. Did the owner or operator transmit a Facility Relocation Notification Form [DEP No. 62-210.90 to the Department or Local Air Program no later than five business days following a relocation? 	Yes (00(6)]_	□ No
c. Did the owner or operator transmit a Facility Relocation Notification Form [DEP No. 62-210.900 to the appropriate Department or Local Air Program at least five business days prior to relocation	0(6)]	
3. If the relocatable plant was co-located at a facility with a separate air construction or air operation pand 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 use 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?	age)?	□ No
If YES, were any perious more than o months in duration:		∐ No
CHANGES Administrative Changes:	(check ☑ box for each	•
 Were there any changes in the name, address, or phone number of the facility or authorized represe associated with a change in ownership or with a physical relocation of the facility or any emissions operations comprising the facility; or any other similar minor administrative change at the facility? If YES, did the facility provide written notification within 30 days of the change?	units or Yes	☐ No ☐ No
Since the last registration form submittal has there been a. Installation of any new process equipment? b. Alterations to existing process equipment without replacement? c. Replacement of existing equipment with equipment that is substantially different? d. A change in ownership?	Yes Yes	 No No No No No
d. A change in ownership.		
4. If the answer to any question 3a. – d. is YES, was a new registration form and the appropriate fee s 30 days prior to the change? ————————————————————————————————————	_	□ No
4. If the answer to any question 3a. – d. is YES, was a new registration form and the appropriate fee s	submitted	☐ No
4. If the answer to any question 3a. – d. is YES, was a new registration form and the appropriate fee s	submitted	□ No
4. If the answer to any question 3a. – d. is YES, was a new registration form and the appropriate fee s 30 days prior to the change?	submitted Yes	□ No