



# CONCRETE BATCHING PLANTS

## COMPLIANCE INSPECTION CHECKLIST



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

AIRS ID#: 1050399 DATE: 10-15-08 ARRIVE: 8:15 DEPART: 9:15  
 FACILITY NAME: PUMP-CRETE  
 FACILITY LOCATION: 1443 41<sup>ST</sup> ST NW  
Winter Haven FL  
 OWNER/AUTHORIZED REPRESENTATIVE: DANIEL MCKERAHAN PHONE: 863-551-0980  
 CONTACT NAME: DANNY CULLIVER, OP. MGR. PHONE: \_\_\_\_\_  
 ENTITLEMENT PERIOD: 11/16/11 (To) | 11/16/06 (From)

**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 62-210.310(5), F.A.C., Air General Permits)**

2. Did this facility demonstrate initial compliance no later than 30 days after beginning operation?-----  Yes  No

**Existing Facilities – (permitted pursuant to Rule 62-210.310(5), F.A.C., Air General Permits)**

3. In order to demonstrate annual compliance, was an annual visible emissions test conducted within 365 days (annually thereafter) of the previous visible emissions compliance test?-----  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 62-210.310(5)(b), 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. For any combination of stationary or relocatable concrete batching plants, located with other concreted batching plants or nonmetallic mineral processing plants:

- a) Are there any additional nonexempt units located at this facility?-----  Yes  No  
b) Is the total combined annual facility-wide fuel usage of all plants less than or equal to:  
1) 275,000 gallons of diesel fuel-----  Yes  No  
2) 23,000 gallons of gasoline-----  Yes  No  
3) 44 million standard cubic feet on natural gas-----  Yes  No  
4) 1.3 million gallons of propane-----  Yes  No  
5) or an equivalent prorated amount if multiple fuels are used onsite-----  Yes  No

3. Does the owner/operator of the concrete batching plant submitting this registration maintain a log book or books to account for fuel consumption on a monthly basis?-----  Yes  No

**Relocation Notification - (Rule 61-210.310(5)(b)3.b., F.A.C.)**

1. Is the relocatable concrete batching plant used to mix cement and soil for onsite soil augmentation or stabilization?—(*if your answer is YES, please proceed to 1. a) thru 1.b) below*)-----  Yes  No  
a) Did the owner or operator notify the Department by telephone, e-mail, fax, or written communication at least one (1) business day prior to changing location? ?-----  Yes  No  
b) Did the owner or operator transmit a Facility Relocation Notification Form (DEP No. 62-210.900(6)) to the Department no later than five (5) business days following a relocation? -----  Yes  No

*If your answer to number 1. above is NO, proceed to 2. below*

2. Did the owner or operator transmit a Facility Relocation Notification Form (DEP No. 62-210.900(6)) at least five (5) business days prior to relocation? -----  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 62-210.310(2), 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

COMMENTS: THE FACILITY ENTRANCE IS LOCATED ON 42ND ST, SOUTH OF AVE O.

Max Grondahl

Inspector's Name

10/15/08

Date of Inspection

*Max Grondahl*

Inspector's Signature

10/15/11

Approximate Date of Next Inspection

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)  
 (Method 9) 203A 203B Other: \_\_\_\_\_

Company Name **PUMP CRETE - 1050399**  
 Facility Name \_\_\_\_\_  
 Street Address **1443 41st St NW**  
 City **Winter Haven** State **Florida** Zip \_\_\_\_\_

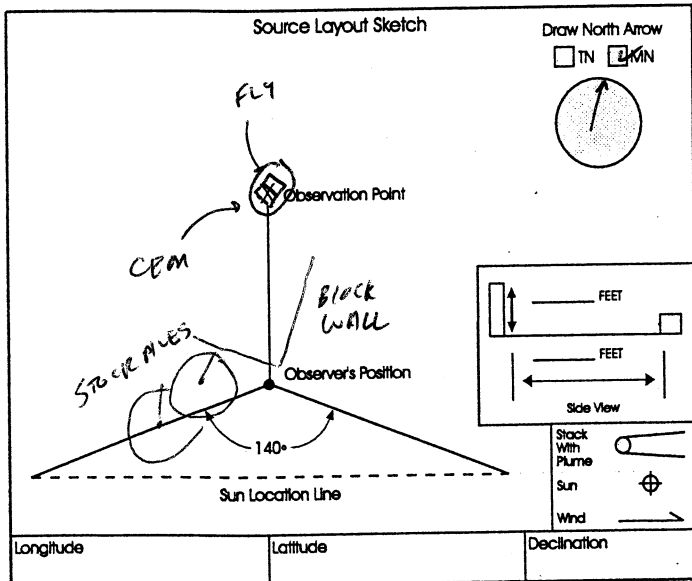
Process **loading cem/fly** Unit # \_\_\_\_\_ Operating Mode **14 PSI / 10 PSI**  
 Control Equipment **baghouses** Operating Mode **above min. TPH**

Describe Emission Point  
**Baghouses on split silo**  
 Height of Emiss. Pt. Start **~80'** End **~80'** Height of Emiss. Pt. Rel. to Observer Start \_\_\_\_\_ End \_\_\_\_\_  
 Distance to Emiss. Pt. Start **~240'** End **~240'** Direction to Emiss. Pt. (Degrees) Start \_\_\_\_\_ End \_\_\_\_\_

Vertical Angle to Obs. Pt. Start \_\_\_\_\_ End \_\_\_\_\_ Direction to Obs. Pt. (Degrees) Start \_\_\_\_\_ End \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point Start \_\_\_\_\_ End \_\_\_\_\_

Describe Emissions  
 Start **NA** End \_\_\_\_\_  
 Emission Color Start **NA** End \_\_\_\_\_  
 Water Droplet Plume Attached  Detached  None

Describe Plume Background  
 Start **SKY** End **SKY**  
 Background Color Start **BLUE** End **BLUE** Sky Conditions Start **CLEAR** End **CLEAR**  
 Wind Speed Start **<S** End **<S** Wind Direction Start **N** End **N**  
 Ambient Temp. Start \_\_\_\_\_ End \_\_\_\_\_ Wet Bulb Temp. \_\_\_\_\_ RH Percent \_\_\_\_\_



Additional Information  
**FLY 27.13 14 PSI**  
**CEM 26.54 10 PSI**

Form Number \_\_\_\_\_ Page \_\_\_\_\_ Of \_\_\_\_\_  
 Continued on VEO Form Number \_\_\_\_\_

Observation Date	Time Zone	Start Time	End Time				
10-15-08	EDST	8:25	8:32				
Sec Min	0	15	30	45	Comments		
1	0%	0%	0%	0%	FLY / CEM.		
2	0%	0%	0%	0%			
3	0%	0%	0%	0%			
4	0%	0%	0%	0%			
5	0%	0%	0%	0%			
6	0%	0%	0%	0%			
7	0%	0%	0%	0%			
8							
9					ARRIVED LATE FOR		
10					TEST. BOTH TRUCKS		
11					BEGAN LOADING @		
12					8:00 WITH SES		
13					(BYRON NELSON) ON		
14					SITE.		
15							
16							
17					CEMENT TRUCK		
18					55 MIN TO LOAD		
19							
20					FLYASH ~ 60 MIN		
21							
22					loading rates:		
23					cement: 29 TPH		
24					flyash: 27 TPH		
25							
26							
27							
28							
29							
30							

Observer's Name (Print) **Max Grondahl**  
 Observer's Signature *Max Grondahl* Date **10-15-08**  
 Organization **Florida Department of Environmental Protection**  
 Certified By **Eastern Technical Associates** Date **10-15-2008**

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)  
 Method 9      203A      203B      Other: \_\_\_\_\_

Company Name: **PUMP CRETE - 1050399**  
 Facility Name: \_\_\_\_\_  
 Street Address: **1443 41ST ST NW**  
 City: **Winter Haven**      State: **Florida**      Zip: \_\_\_\_\_

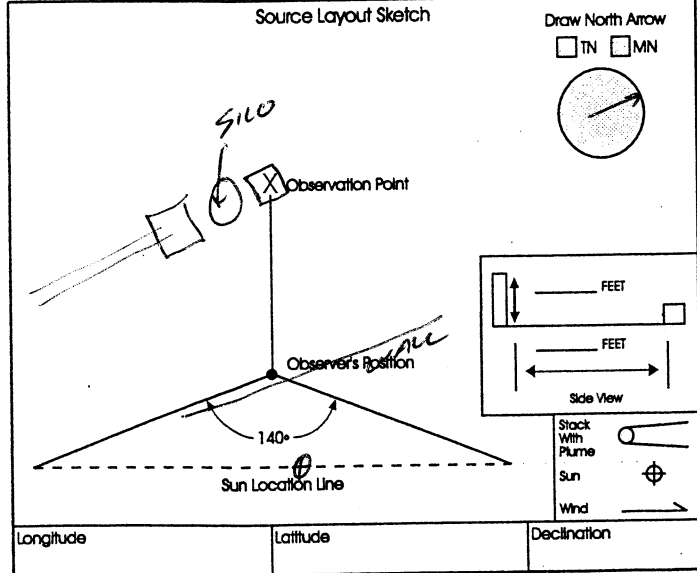
Process: **load truck**      Unit #: \_\_\_\_\_      Operating Mode: **normal op.**  
 Control Equipment: **DCO CARTRIDGE D.L.**      Operating Mode: \_\_\_\_\_

Describe Emission Point: **VENT ON ADC**  
 Height of Emiss. Pt. Start: **~25'** End: **~25'**      Height of Emiss. Pt. Rel. to Observer Start: **~25'** End: **~25'**  
 Distance to Emiss. Pt. Start: **~75'** End: **~75'**      Direction to Emiss. Pt. (Degrees) Start: \_\_\_\_\_ End: \_\_\_\_\_

Vertical Angle to Obs. Pt. Start: \_\_\_\_\_ End: \_\_\_\_\_      Direction to Obs. Pt. (Degrees) Start: \_\_\_\_\_ End: \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point Start: \_\_\_\_\_ End: \_\_\_\_\_

Describe Emissions Start: **NA** End: \_\_\_\_\_  
 Emission Color Start: **NA** End: \_\_\_\_\_  
 Water Droplet Plume Attached  Detached  None

Describe Plume Background Start: **SKY** End: **SKY**  
 Background Color Start: **BLUE** End: **BLUE**      Sky Conditions Start: **CLEAR** End: **CLEAR**  
 Wind Speed Start: **< 5** End: **< 5**      Wind Direction Start: **N** End: **N**  
 Ambient Temp. Start: \_\_\_\_\_ End: \_\_\_\_\_      Wet Bulb Temp. \_\_\_\_\_      RH Percent \_\_\_\_\_



Additional Information: **One truck loaded white on site. (8:00-9:00)**

Form Number \_\_\_\_\_ Page \_\_\_\_\_ Of \_\_\_\_\_  
 Continued on VEO Form Number \_\_\_\_\_

Observation Date		Time Zone		Start Time	End Time	
10-15-06		EDST		8:53	8:59	
Sec	Min	0	15	30	45	Comments
1	0	0	0	0		STEPHENS OZONE
2	0	0	0	0		SUPERFLOW
3	0	0	0	0		D.C.
4	0	0	0	0		
5	0	0	0	0		
6	0	0	0	0		
7	0	0	0	0		TRUCK STOP <del>9:00</del> 8:59
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

Observer's Name (Print): **Max Grondahl**  
 Observer's Signature: *Max Grondahl*      Date: **10-15-08**  
 Organization: **Florida Department of Environmental Protection**  
 Certified By: **Eastern Technical Associates**      Date: **Feb 13, 2008**