



## CONCRETE BATCHING PLANTS

### COMPLIANCE INSPECTION CHECKLIST



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

AIRS ID#: 1010504 DATE: 3-24-10 ARRIVE: 9:50 DEPART: 11:30

FACILITY NAME: Preferred Materials Odessa Block Plant

FACILITY LOCATION: 12025 SR 54  
Odessa FL 33556

OWNER/AUTHORIZED REPRESENTATIVE: \_\_\_\_\_ PHONE: \_\_\_\_\_

CONTACT NAME: Darwin Darin Belka PHONE: (813) 920-8598

ENTITLEMENT PERIOD: 12-15-12 / 12-15-07  
(To) (From)

**ARMS UPDATED**

**PART I: INSPECTION COMPLIANCE STATUS** (check ☒ only one box)

46 4-23-10

☐ 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?----- ~ 33 tph ☒ 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 62-210.310(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 62-210.310(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?----- *N/A* ☐ 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: Small scale vent with 14 small bags control emissions from scale (weigh hopper). Was not on registration but has been in place since '99 and was tested in 2009 and 2008. It was not tested in 2007 during the initial test. This facility was formerly EU 006 of 1010326. At that time it also only had one EU in ARMS.

*Max Grondahl*

Inspector's Name

*M. J. [Signature]*

Inspector's Signature

*3-24-10*

Date of Inspection

*3-24-13*

Approximate Date of Next Inspection

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name Preferred Materials		
Facility Name Odessa Block Plant		
Street Address 12019 SR 54		
City Odessa	State Florida	Zip 33556

Process load cement	Unit #	Operating Mode
Control Equipment		Operating Mode

Describe Emission Point 310 BAGHOUSE	
Height of Emiss. Pt. Start ~50' End ~50'	Height of Emiss. Pt. Rel. to Observer Start ~50' End ~50'
Distance to Emiss. Pt. Start ~150' End ~150'	Direction to Emiss. Pt. (Degrees) Start 320° End 320°

Vertical Angle to Obs. Pt. Start 110° End 110°	Direction to Obs. Pt. (Degrees) Start 320° End 320°
Distance and Direction to Observation Point from Emission Point Start End	

Describe Emissions	
Start NA	End
Emission Color	Water Droplet Plume
Start NA	Attached <input type="checkbox"/> Detached <input type="checkbox"/> None <input checked="" type="checkbox"/>

Describe Plume Background	
Start SKY	End SKY
Background Color	Sky Conditions
Start BLUE	Start Clear
End BLUE	End Clear
Wind Speed	Wind Direction
Start <5	Start S
End <5	End S
Ambient Temp.	Wet Bulb Temp.
Start 70°	Start 63°
End 70°	End 69%

Source Layout Sketch	
Longitude	Latitude
Declination	

Additional Information
TANK + LINE #1 ~ 12
25-34 TONS IN TRUCK

Form Number	Page	Of
Continued on VEO Form Number		

Observation Date		32410		Time Zone		EDT		Start Time		10:16		End Time		10:46	
Sec	Min	0	15	30	45	Comments									
1		0	0	0	0										
2		0	0	0	0										
3		0	0	0	0										
4		0	0	0	0										
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30		0	0	0	0										

Observer's Name (Print) Max Grondahl	Date 3/24/2010
Observer's Signature <i>[Signature]</i>	
Organization Florida Department of Environmental Protection	
Certified By Eastern Technical Associates	Date Feb, 2010