



# CONCRETE BATCHING PLANT



## COMPLIANCE INSPECTION CHECKLIST

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

**AIRS ID#:** 1110001 **DATE:** 7/29/2008 **ARRIVE:** 9:15 **DEPART:** 10:45  
**FACILITY NAME:** CONTINENTAL/FT.PIERCE/READY MIX PLANT  
**FACILITY LOCATION:** 4550 GLADES CUT-OFF RD  
 FORT PIERCE 34981  
**OWNER/AUTHORIZED REPRESENTATIVE:** JACK RAIMONDI **PHONE:** (954)858-0780  
**CONTACT NAME:** DAN HENDERSON **PHONE:** (772)260-3583  
**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**

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?-----  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 62-210.300(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

**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

**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

JEREMY VINCENT

7/29/2008

Inspector's Name (Please Print)

Date of Inspection

  
Inspector's Signature

7/29/2009

Approximate Date of Next Inspection

**COMMENTS:**

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

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

Company Name  
**CONTINENTAL FLORIDA MATERIALS**

Facility Name  
**CONTINENTAL/RT. PIERCE/READYMIX**

Street Address  
**4550 GLADES CUT-OFF RD**

City  
**KURT PIERCE**      State  
**FL**      Zip  
**34981**

Process  
**CEMENT SILO**      Unit #  
**1**      Operating Mode

Control Equipment  
**BAGHOUSES**      Operating Mode

Describe Emission Point  
**SPLIT SILO W/ BAGHOUSES**

Height of Emiss. Pt.  
Start **30'**      End **30'**      Height of Emiss. Pt. Rel. to Observer  
Start **30'**      End **30'**

Distance to Emiss. Pt.  
Start **150**      End **150**      Direction to Emiss. Pt., (Degree)  
Start **285°**      End **285°**

Vertical Angle to Obs. Pt.  
Start **40**      End **40**      Direction to Obs. Pt. (Degree)  
Start **105°**      End **105°**

Distance and Direction to Observation Point from Emission Point  
Start **150 FT, 105°**      End

Describe Emissions  
Start **None**      End

Emission Color  
Start **Clear**      End

Water Droplet Plume  
Attached       Detached       None

Describe Plume Background  
Start

Background Color  
Start **Blue**      End

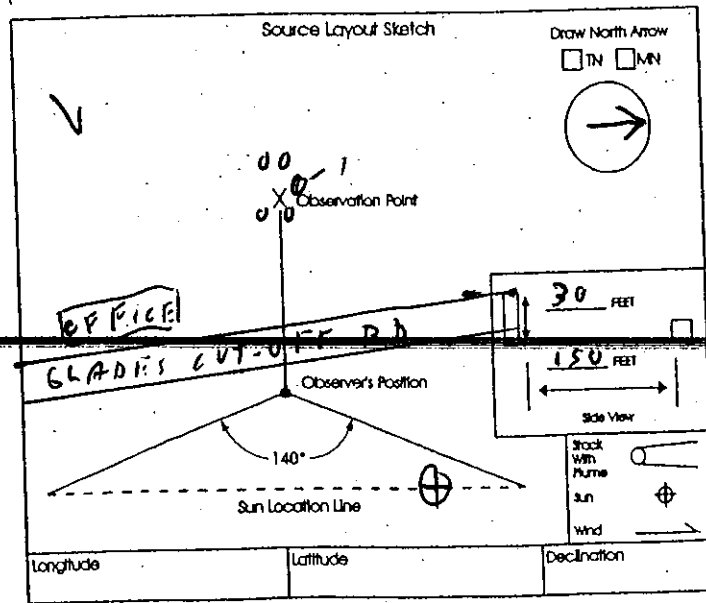
Wind Speed  
Start **0-5**      End

Ambient Temp.  
Start **85**      End

Sky Conditions  
Start **Scattered**      End

Wind Direction  
Start **SW**      End

Wet Bulb Temp.      RH Percent  
Start **80**      End **80**



Observation Date		Time Zone			Start Time	End Time
7/29/08					9:36	9:48
Sec	Min	0	15	30	45	Comments
1	0	0	0	0		
2	0	0	0	0		
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Observer's Name (Print) **J. VINCENT**

Observer's Signature *[Signature]*      Date **7/29/08**

Organization **ETA**

Certified by **ETA**      Date **7/29/08**

Additional Information

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)  
 Method 1    203A    203B    Other: \_\_\_\_\_

Company Name  
**CONTINENTAL FLORIDA MATERIALS**

Facility Name  
**CONTINENTAL/PT. PIERCE/READYMIX**

Street Address  
**4550 GLADES CUT-OFF RD**

City  
**KURT PIERCE**    State  
**FL**    Zip  
**34981**

Process  
**CEMENT SILO**    Unit #  
**1**    Operating Mode

Control Equipment  
**BAG HOUSES**    Operating Mode

Describe Emission Point  
**SPLIT SILO W/ BAG HOUSES**

Height of Emiss. Pt.  
Start **30'**    End **30'**    Height of Emiss. Pt. Rel. to Observer  
Start **36'**    End **30'**

Distance to Emiss. Pt.  
Start **150**    End **150**    Direction to Emiss. Pt. (Degrees)  
Start **285°**    End **285°**

Vertical Angle to Obs. Pt.  
Start **40**    End **40**    Direction to Obs. Pt. (Degrees)  
Start **105°**    End **105°**

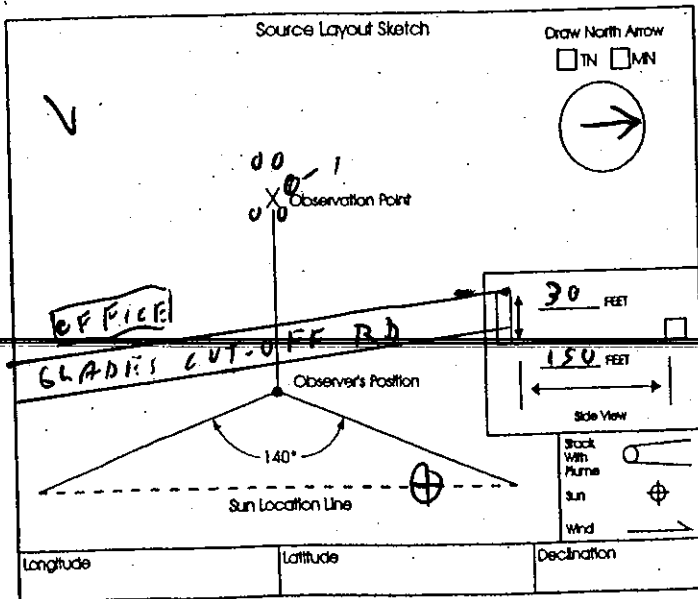
Distance and Direction to Observation Point from Emission Point  
Start **150 FT, 105°**    End

Describe Emissions  
Start **NONE**    End  
Emission Color  
Start **CLEAR**    End    Water Droplet Plume  
Attached     Detached     None

Describe Plume Background  
Start  
Background Color  
Start **BLUE**    End    Sky Conditions  
Start **SCATTERED**    End

Wind Speed  
Start **0-5**    End    Wind Direction  
Start **SW**    End

Ambient Temp.  
Start **85**    End    Wet Bulb Temp.  
Start **80**    End    RH Percent  
Start **80**    End



Additional Information

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

Observation Date		Time Zone				Start Time	End Time
7/29/08						9:36	9:48
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Observer's Name (Print) **J. VINCENT**

Observer's Signature *J. Vincent*    Date **7/29/08**

Organization **ETA**

Certified By **ETA**    Date **7/29/08**

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name  
**CONTINENTAL FLORIDA MATERIALS**

Facility Name  
**CONTINENTAL/PT. PIERCE/READYMIX**

Street Address  
**4550 GLADES CUT-OFF RD**

City  
**KURT PIERCE** State **FL** Zip **34981**

Process  
**CEMENT SILEO** Unit # **2** Operating Mode \_\_\_\_\_

Control Equipment \_\_\_\_\_ Operating Mode \_\_\_\_\_

Describe Emission Point  
**CENTRAL LOADOUT DUST COLLECTOR**

Height of Emis. Pt.  
 Start **50** End **50** Height of Emis. Pt. Rel. to Observer  
 Start **50** End **50**

Distance to Emis. Pt.  
 Start **150** End **150** Direction to Emis. Pt. (Degrees)  
 Start **285** End **285**

Vertical Angle to Obs. Pt.  
 Start **40** End **40** Direction to Obs. Pt. (Degrees)  
 Start **105** End **105**

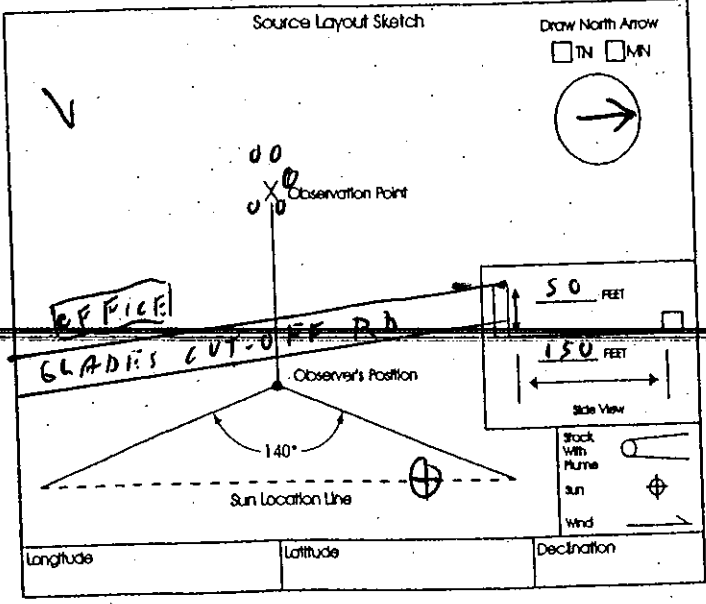
Distance and Direction to Observation Point from Emission Point  
 Start **150 FT, 105** End \_\_\_\_\_

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

Describe Plume Background  
 Start **SKY** End \_\_\_\_\_  
 Background Color  
 Start **BLUE** End \_\_\_\_\_  
 Sky Conditions  
 Start **SCATTERED** End \_\_\_\_\_

Wind Speed  
 Start **0-5** End \_\_\_\_\_  
 Wind Direction  
 Start **SW** End \_\_\_\_\_

Ambient Temp.  
 Start **85** End \_\_\_\_\_  
 Wet Bulb Temp.  
 Start **80** End **80** RH Percent **80**



Additional Information

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

Observation Date		Time zone				Start Time	End Time
7/29/08						9:36	9:48
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Observer's Name (Print) **J. VINCENT**

Observer's Signature *[Signature]* Date **7/29/08**

Organization **FREP**

Certified By **ETA** Date **7/19/08**

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)  
 Method 1 203A 203B Other: \_\_\_\_\_

Company Name  
CONTINENTAL FLORIDA MATERIALS  
 Facility Name  
CONTINENTAL/PT. PIERCE/READYMIX  
 Street Address  
4550 GLADES CUT-OFF RD  
 City KURT PIERCE State FL Zip 34981

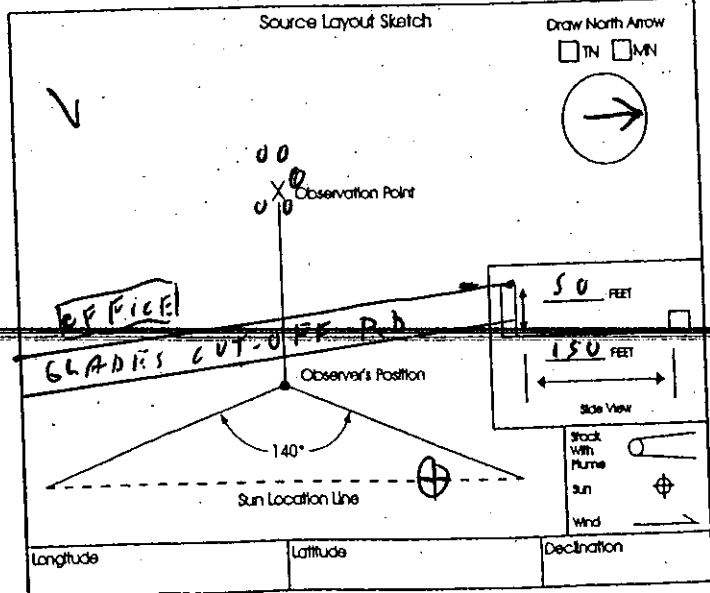
Process CEMENT SILO Unit # 4 Operating Mode \_\_\_\_\_  
 Control Equipment BAG HOUSE Operating Mode \_\_\_\_\_

Describe Emission Point  
AUXILIARY SILO NO. 1 w/  
BAG HOUSE  
 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 285 End 285

Vertical Angle to Obs. Pt. Start 40 End 40 Direction to Obs. Pt. (Degrees) Start 105 End 105  
 Distance and Direction to Observation Point from Emission Point Start 150 FT, 105 End \_\_\_\_\_

Describe Emissions  
 Start NONE End \_\_\_\_\_  
 Emission Color Start CLEAR End \_\_\_\_\_  
 Water Droplet Plume Attached  Detached  None

Describe Plume Background  
 Start SKY End \_\_\_\_\_  
 Background Color Start BLUE End \_\_\_\_\_  
 Sky Conditions Start SCATTERED End \_\_\_\_\_  
 Wind Speed Start 0-5 End \_\_\_\_\_  
 Wind Direction Start SW End \_\_\_\_\_  
 Ambient Temp. Start 85 End \_\_\_\_\_  
 Wet Bulb Temp. Start 80 End \_\_\_\_\_  
 RH Percent 80



Additional Information

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

Observation Date		Time Zone			Start Time	End Time
7/29/08					9:36	9:48
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Observer's Name (Print) J. VINCENT  
 Observer's Signature [Signature] Date 7/29/08  
 Organization FBI/EP  
 Certified by ETA Date 7/29/08

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

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

Company Name  
**CONTINENTAL FLORIDA MATERIALS**

Facility Name  
**CONTINENTAL/PT. PIERCE/READYMIX**

Street Address  
**4550 GLADES CUT-OFF RD**

City **KURT PIERCE** State **FL** Zip **34981**

Process **CEMENT SILG** Unit # **6** Operating Mode \_\_\_\_\_  
Control Equipment **BAGHOUSE** Operating Mode \_\_\_\_\_

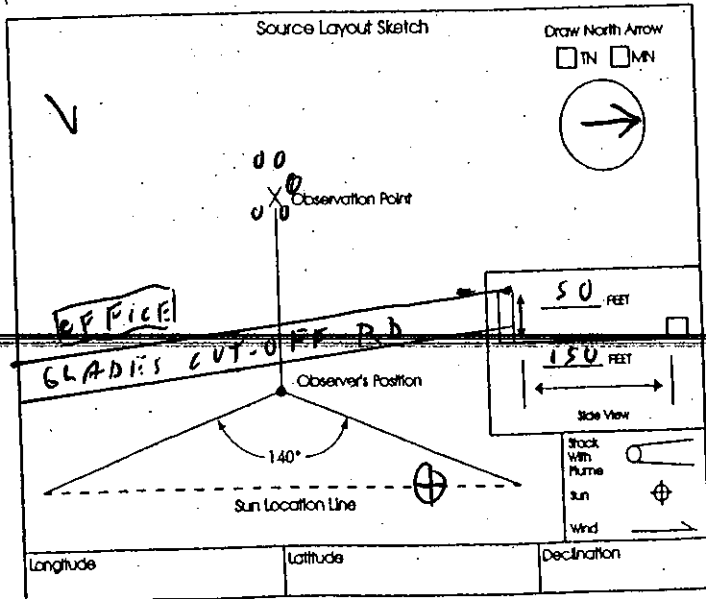
Describe Emission Point  
**CEMENT SILG - SOUTHWEST**

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 **285** End **285**

Vertical Angle to Obs. Pt. Start **40** End **40** Direction to Obs. Pt. (Degrees) Start **105** End **105**  
Distance and Direction to Observation Point from Emission Point Start **150 FT, 105** End \_\_\_\_\_

Describe Emissions  
Start **None** End \_\_\_\_\_  
Emission Color Start **Clear** End \_\_\_\_\_  
Attached  Detached  None

Describe Plume Background  
Start **SKY** End \_\_\_\_\_  
Background Color Start **Blue** End \_\_\_\_\_ Sky Conditions Start **SCATTERED** End \_\_\_\_\_  
Wind Speed Start **0-5** End \_\_\_\_\_ Wind Direction Start **SW** End \_\_\_\_\_  
Ambient Temp. Start **85** End \_\_\_\_\_ Wet Bulb Temp. **80** RH Percent **80**



Observation Date		Time Zone		Start Time	End Time	Comments
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Observer's Name (Print) **J. VINCENT**

Observer's Signature *James Vincent* Date **7/29/08**

Organization **FDBP**

Certified By **ETA** Date **7/29/08**

Additional Information



# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

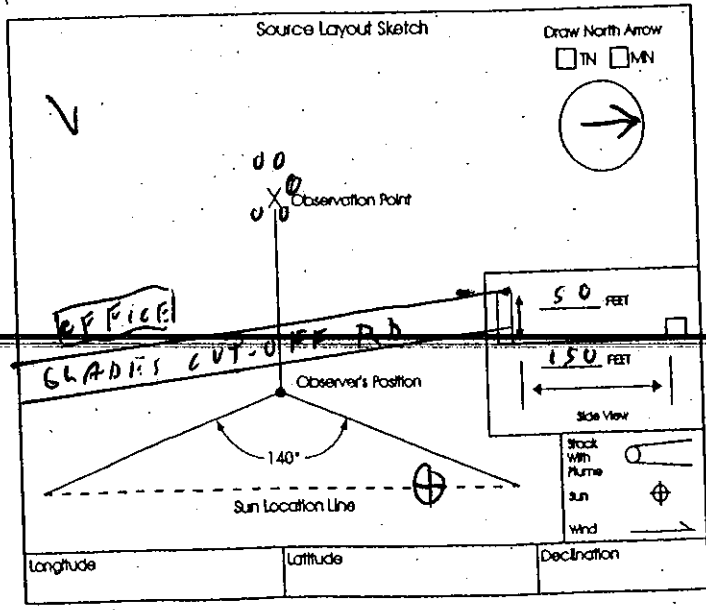
Company Name  
CONTINENTAL FLORIDA MATERIALS  
 Facility Name  
CONTINENTAL/PT. PIERCE/READYMIX  
 Street Address  
4550 GLADES CUT-OFF RD  
 City KURT PIERCE State FL Zip 34981

Process CEMENT SILG Unit # 7 Operating Mode \_\_\_\_\_  
 Control Equipment BAHOUSE Operating Mode \_\_\_\_\_

Describe Emission Point  
SOUTHWEST CEMENT SILG  
 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. (Degree) Start 285 End 285  
 Vertical Angle to Obs. Pt. Start 40 End 40 Direction to Obs. Pt. (Degree) Start 105 End 105  
 Distance and Direction to Observation Point from Emission Point Start 150 FT, 105 End \_\_\_\_\_

Describe Emissions  
 Start NONE End \_\_\_\_\_  
 Emission Color Start CLEAR End \_\_\_\_\_  
 Water Droplet Plume Attached  Detached  None

Describe Plume Background  
 Start SKY End \_\_\_\_\_  
 Background Color Start BLUE End \_\_\_\_\_  
 Sky Conditions Start SCATTERED End \_\_\_\_\_  
 Wind Speed Start 0-5 End \_\_\_\_\_  
 Wind Direction Start SW End \_\_\_\_\_  
 Ambient Temp. Start 85 End \_\_\_\_\_  
 Wet Bulb Temp. 80 RH Percent 80



Additional Information

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

Sec Min	Observation Date				Time Zone	Start Time	End Time	Comments
	0	15	30	45				
	7/29/08					9:36	9:48	
1	0	0	0	0				
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Observer's Name (Print) J. VINCENT  
 Observer's Signature [Signature] Date 7/29/08  
 Organization FDEP  
 Certified By ETA Date 7/29/08

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

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

Company Name  
**CONTINENTAL FLORIDA MATERIALS**

Facility Name  
**CONTINENTAL/PT. PIERCE/READYMIX**

Street Address  
**4550 GLADES CUT-OFF RD**

City **KURT PIERCE** State **FL** Zip **34981**

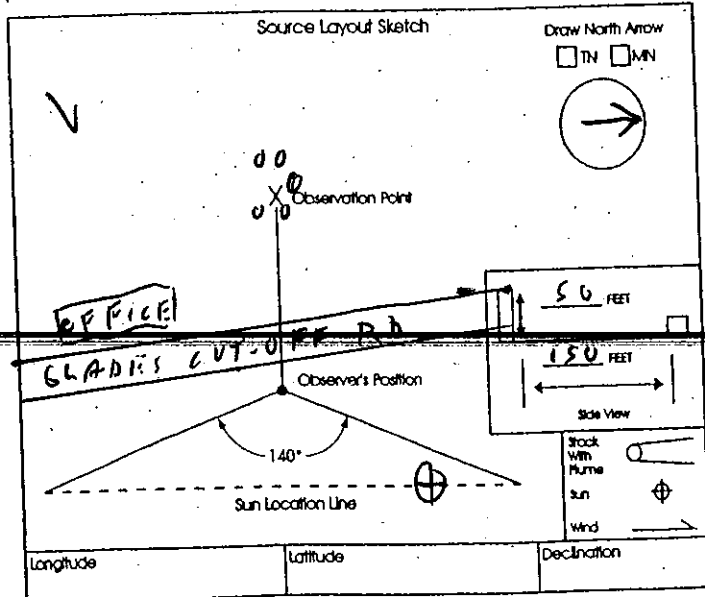
Process **CEMENT SILE** Unit # **8** Operating Mode \_\_\_\_\_  
Control Equipment **NO HOUSE** Operating Mode \_\_\_\_\_

Describe Emission Point  
**NORTHWEST CEMENT SILE**

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 **285** End **285**  
Vertical Angle to Obs. Pt. Start \_\_\_\_\_ End \_\_\_\_\_ Direction to Obs. Pt. (Degrees) Start **105** End **105**  
Distance and Direction to Observation Point from Emission Point Start **150 FT, 105** End \_\_\_\_\_

Describe Emissions  
Start **NONE** End \_\_\_\_\_  
Emission Color Start **CLEAR** End \_\_\_\_\_  
Attached  Detached  None

Describe Plume Background  
Start **SKY** End \_\_\_\_\_  
Background Color Start **BLUE** End \_\_\_\_\_ Sky Conditions Start **SCATTERED** End \_\_\_\_\_  
Wind Speed Start **0-5** End \_\_\_\_\_ Wind Direction Start **SW** End \_\_\_\_\_  
Ambient Temp. Start **85** End \_\_\_\_\_ Wet Bulb Temp. Start **80** End **80** RH Percent **80**



Min	Observation Date				Time Zone	Start Time	End Time	Comments
	Sec	0	15	30				
	7/29/08					9:36	9:48	
1	0	0	0	0				
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	0	0	0	0				
9	0	0	0	0				
10	0	0	0	0				
11	0	0	0	0				
12	0	0	0	0				
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Additional Information

Observer's Name (Print) **J. VINCENT**  
Observer's Signature *Jerry Vincent* Date **7/29/08**  
Organization **KDEP**  
Certified By **ETA** Date **7/19/08**