

VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name: 0850003  
 Facility Name: Cemex - Stuart Ready Mix  
 Street Address: 1232 S. Dixie Hwy  
 City: Stuart State: FL Zip: 34994

Process: Fly ash / slag Unit: 4 Operating Mode: Normal  
 Control Equipment: Cartridge dust collector Operating Mode: Normal

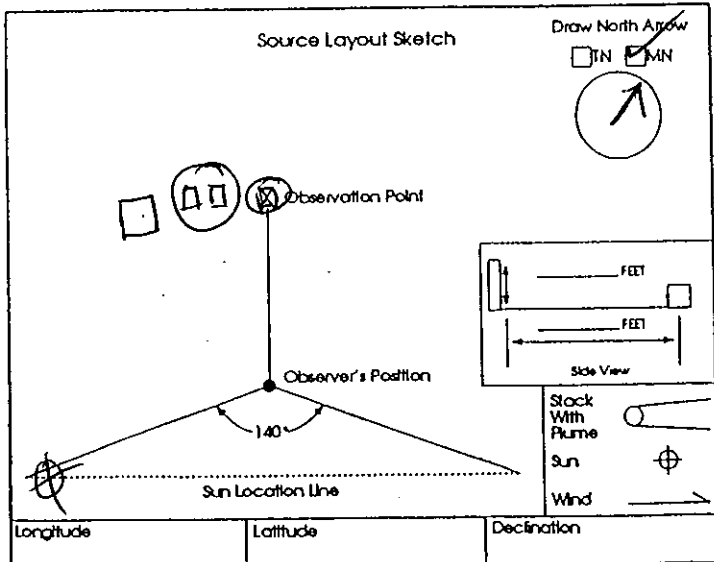
Describe Emission Point: SFD Stack

Height of Emiss. Pt. Start: 60' End: \_\_\_\_\_ Height of Emiss. Pt. Rel. to Observer Start: 60' End: \_\_\_\_\_  
 Distance to Emiss. Pt. Start: 150' End: \_\_\_\_\_ Direction to Emiss. Pt. (Degrees) Start: 330 End: \_\_\_\_\_

Vertical Angle to Obs. Pt. Start: 110 End: \_\_\_\_\_ Direction to Obs. Pt. (Degrees) Start: 150 End: \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point Start: 150' South End: \_\_\_\_\_

Describe Emissions: Start: and dust End: \_\_\_\_\_  
 Emission Color: Start: grey End: \_\_\_\_\_  
 Attached  Detached  None

Describe Plume Background: Start: Sky End: \_\_\_\_\_  
 Background Color: Start: white End: \_\_\_\_\_  
 Wind Speed: Start: S-8 mph End: \_\_\_\_\_  
 Ambient Temp.: Start: 80 End: \_\_\_\_\_  
 Wet Bulb Temp.: \_\_\_\_\_ RH Percent: \_\_\_\_\_



Additional Information: 7PSC fly ash

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

Min	Observation Date: 2/2/2010				Time Zone: EST	Start Time: 11W	End Time: 1128	Comments
	Sec	0	15	30				
1	0	0	0	0				
2	0	0	0	0				
3	0	0	0	0				
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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				
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Observer's Name (Print): Patricia Tampas  
 Observer's Signature: [Signature] Date: 2/2/2010  
 Organization: FDEP  
 Certified By: ETA Date: 1/6/2010

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name: 085 0003

Facility Name: Cemex Ready mix

Street Address: 1232 S. Dixie Hwy

City: Stuart      State: FL      Zip: 34994

Process: Loaded out      Unit: 5      Operating Mode: \_\_\_\_\_

Control Equipment: central baghouse      Operating Mode: \_\_\_\_\_

Describe Emission Point: fan vents on SE side d.c.

Height of Emiss. Pt.      Height of Emiss. Pt. Rel. to Observer  
 Start 10'      End \_\_\_\_\_      Start 10'      End \_\_\_\_\_

Distance to Emiss. Pt.      Direction to Emiss. Pt. (Degrees)  
 Start 50'      End \_\_\_\_\_      Start 310      End \_\_\_\_\_

Vertical Angle to Obs. Pt.      Direction to Obs. Pt. (Degrees)  
 Start 30      End \_\_\_\_\_      Start \_\_\_\_\_      End \_\_\_\_\_

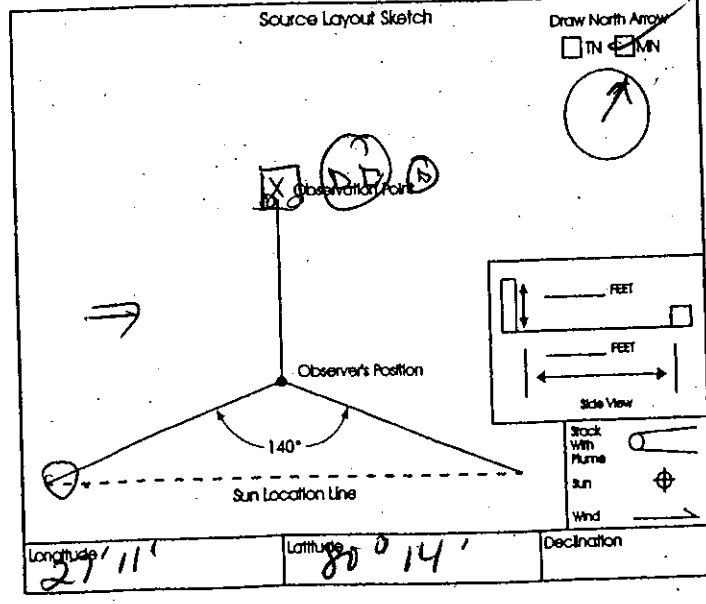
Distance and Direction to Observation Point from Emission Point  
 Start 150' southwest      End \_\_\_\_\_

Describe Emissions  
 Start Concrete      End \_\_\_\_\_  
 Emission Color: White      Water Droplet Plume: \_\_\_\_\_  
 Attached       Detached       None

Describe Plume Background  
 Start Clear      End \_\_\_\_\_  
 Background Color: Clear      Sky Conditions: Cloudy  
 Start White      End \_\_\_\_\_      Start Cloudy      End \_\_\_\_\_

Wind Speed: 3-5      Wind Direction: 30  
 Start \_\_\_\_\_      End \_\_\_\_\_      Start \_\_\_\_\_      End \_\_\_\_\_

Ambient Temp.      Wet Bulb Temp.      RH Percent  
 Start 77      End \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_



Form Number: \_\_\_\_\_ Page: \_\_\_\_\_ Of: \_\_\_\_\_

Continued on VEO Form Number: \_\_\_\_\_

Min	Time Zone				Start Time	End Time	Comments
	Sec	0	15	30			
1	0	0	0	0			
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3	0						end 10:32
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Observer's Name (Print): Jainca Tampa

Observer's Signature: [Signature]      Date: 2/2/2010

Organization: EDAP

Certified By: ETA      Date: 1/6/2010

Additional Information

# VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)  
 Method 9 203A 2038 Other: \_\_\_\_\_

Company Name: 085-0003  
 Facility Name: Cemox Ready mix  
 Street Address: 1232 S. Dixie Hwy  
 City: Stuart State: FL Zip: 34994

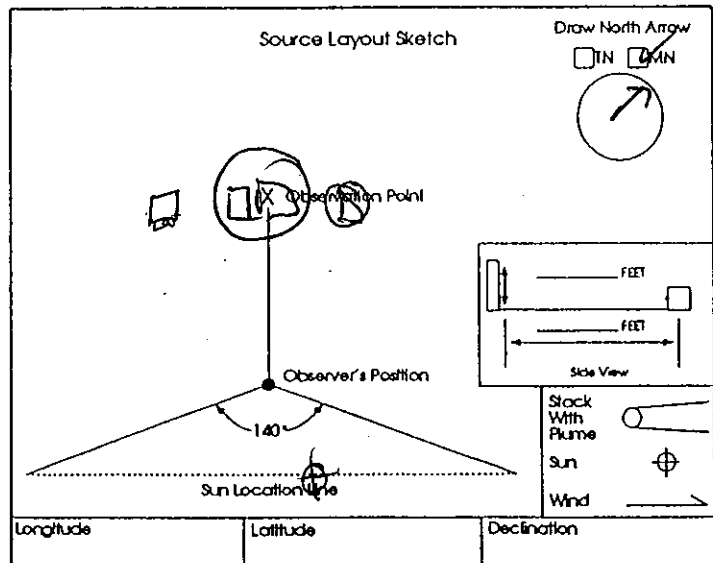
Process: Cement silos # 1 Units: 3 Operating Mode: normal  
 Control Equipment: Cartridge dust collector Operating Mode: normal

Describe Emission Point: stack  
 Height of Emiss. Pt.: Start 70 End \_\_\_\_\_  
 Distance to Emiss. Pt.: Start 150 End \_\_\_\_\_  
 Direction to Emiss. Pt. (Degrees): Start 320 End \_\_\_\_\_

Vertical Angle to Obs. Pt.: Start 70° End \_\_\_\_\_  
 Direction to Obs. Pt. (Degrees): Start 150 End \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point: Start 150 SE End \_\_\_\_\_

Describe Emissions: Start Cement dust End \_\_\_\_\_  
 Emission Color: Start white End \_\_\_\_\_  
 Water Droplet Plume: Attached  Detached  None

Describe Plume Background: Start sky End \_\_\_\_\_  
 Background Color: Start white End \_\_\_\_\_  
 Wind Speed: Start 3-5 End \_\_\_\_\_  
 Ambient Temp.: Start 77 End \_\_\_\_\_



Longitude: \_\_\_\_\_ Latitude: \_\_\_\_\_ Declination: \_\_\_\_\_  
 Additional Information: between 5 & 7 psi type II

Mn	Sec				Comments
	0	15	30	45	
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	
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Observer's Name (Print): Patricia Tampos  
 Observer's Signature: \_\_\_\_\_ Date: 2/2/2010  
 Organization: FDEP  
 Certified By: ETN Date: 1/6/2010

VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name: 0850003  
 Facility Name: Cemex Ready Mix  
 Street Address: 1232 S. Dixie Hwy  
 City: Stuart State: FL Zip: 34994

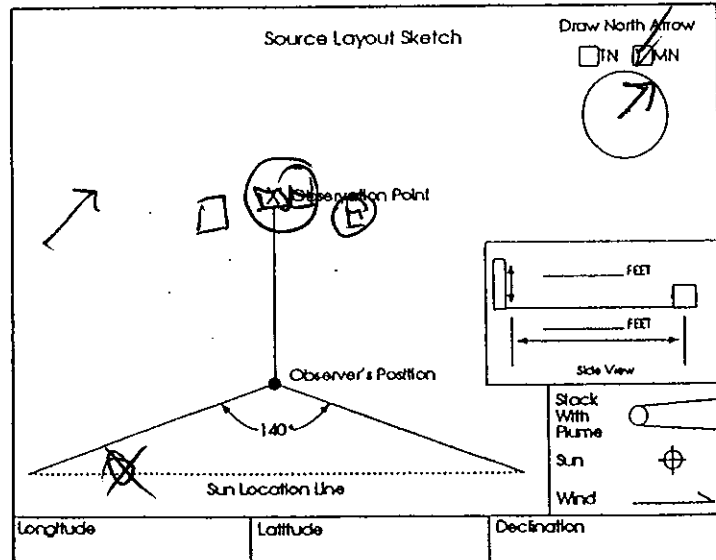
Process: Cement silo (#2) Unit # 2 Operating Mode: normal  
 Control Equipment: Cartridge Dust Collector Operating Mode: normal

Describe Emission Point: Stack  
 Height of Emiss. Pt. Start: 70 End: \_\_\_\_\_  
 Height of Emiss. Pt. to Observer Start: 70 End: \_\_\_\_\_  
 Distance to Emiss. Pt. Start: \_\_\_\_\_ End: \_\_\_\_\_  
 Direction to Emiss. Pt. (Degrees) Start: 370 End: \_\_\_\_\_

Vertical Angle to Obs. Pt. Start: 20 End: \_\_\_\_\_  
 Direction to Obs. Pt. (Degrees) Start: 340 End: \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point Start: \_\_\_\_\_ End: \_\_\_\_\_

Describe Emissions: Cement dust  
 Emission Color: \_\_\_\_\_  
 Start: \_\_\_\_\_ End: \_\_\_\_\_  
 Attached  Detached  None

Describe Plume Background: Sky  
 Background Color: \_\_\_\_\_  
 Sky Conditions: Cloudy  
 Wind Speed: 3-5  
 Wind Direction: S  
 Ambient Temp.: \_\_\_\_\_  
 Wet Bulb Temp.: \_\_\_\_\_  
 RH Percent: \_\_\_\_\_



Additional Information: 22 mi NE - Orlington - Stack #1

Observation Date		Time Zone		Start Time	End Time	Comments
Sec	Min	0	15	30	45	
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		
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Observer's Name (Print): Jamaica Tampus  
 Observer's Signature: [Signature]  
 Date: 2/2/2010  
 Organization: PDEP  
 Certified by: ETA  
 Date: 1/6/2010