

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name: **Cemex PORTABLE READY Mix**
 Facility Name: **#7775593**
 Street Address: **1290 FOXMOOR ST.**
 City: **MOOREHAVEN** State: **FL** Zip: **33471**

Process: **loading flyash** Unit #: _____ Operating Mode: **NORMAL**
 Control Equipment: **baghouse** Operating Mode: **10 PSI**

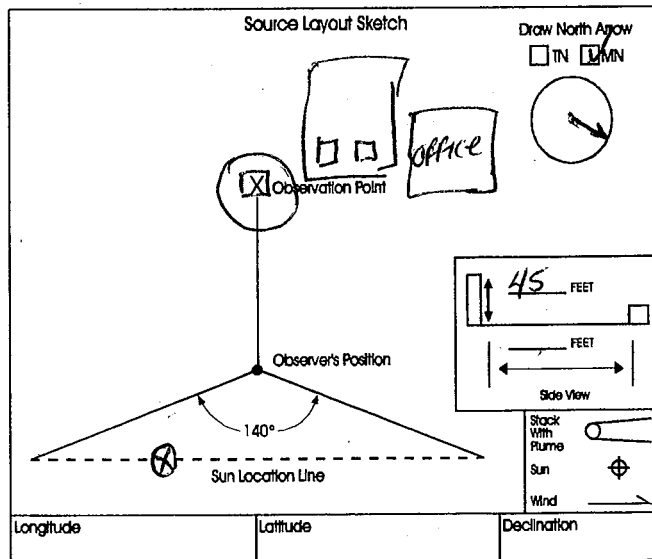
Describe Emission Point
Sib (flyash) white PORTABLE VENT

Height of Emis. Pt. Start: **~45'** End: **~45'** Height of Emis. Pt. Rel. to Observer Start: **~45'** End: **~45'**
 Distance to Emis. Pt. Start: **~120'** End: **~120'** Direction to Emis. Pt. (Degrees) Start: **246** End: **246**

Vertical Angle to Obs. Pt. Start: **~16°** End: **~16°** Direction to Obs. Pt. (Degrees) Start: **246** End: **246**
 Distance and Direction to Observation Point from Emission Point Start: **N/A** End: **N/A**

Describe Emissions
 Start: **SKY NONE** End: **SKY NONE**
 Emission Color Start: **BLUE** End: **N/A** Water Droplet Plume Attached Detached None

Describe Plume Background
 Start: **SKY** End: **SKY**
 Background Color Start: **BLUE** End: **BLUE** Sky Conditions Start: **SCAT** End: **BROKEN**
 Wind Speed Start: **10-15 mph** End: **5-10 mph** Wind Direction Start: **SW** End: **S-SW**
 Ambient Temp. Start: **77°F** End: **79°F** Wet Bulb Temp. RH Percent: **64%**



Additional Information
26.78 tons flyash pumped in 48 min
= 33.47 tons/hr pumped (loaded)

Form Number _____ Page **1** of **2**
 Continued on VEO Form Number _____

Min	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	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print): **Robert J. Stewart**
 Observer's Signature: *Robert J. Stewart* Date: **2/19/13**
 Organization: **FDEP**
 Certified By: **E.T.A.** Date: **2/13/13**

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name: **Cemex PORTABLE ReddyMix**
 Facility Name: **# 77-75593**
 Street Address: _____
 City: _____ State: _____ Zip: _____

Process: _____ Unit #: _____ Operating Mode: _____
 Control Equipment: _____ Operating Mode: **10 PSE**

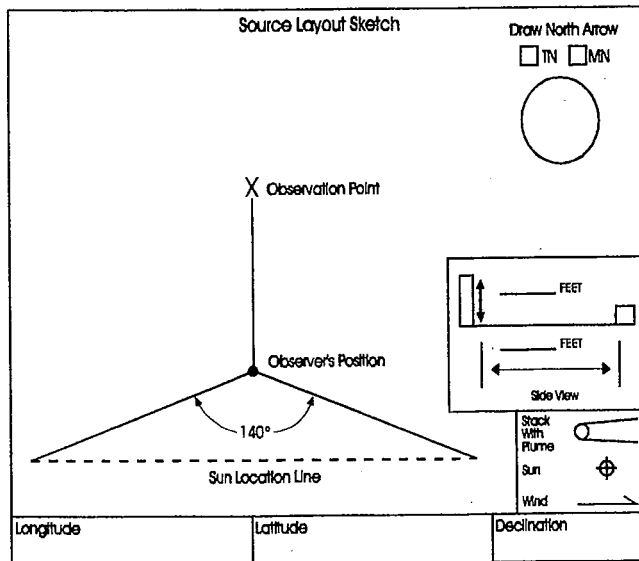
Describe Emission Point
Silo (white)

Height of Emiss. Pt. Height of Emiss. Pt. Rel. to Observer
 Start End Start End
 Distance to Emiss. Pt. Direction to Emiss. Pt. (Degrees)
 Start End Start End
 Start **~120** End **~120'** Start End

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

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

Describe Plume Background
 Start End
 Background Color Sky Conditions
 Start End Start End
 Wind Speed Wind Direction
 Start End Start End
 Ambient Temp. Wet Bulb Temp. RH Percent
 Start End



Additional Information
No. 78 tons fly ash loaded

Form Number: _____ Page **2** Of **2**
 Continued on VEO Form Number: _____

Min	Time Zone				Start Time	End Time
	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		
9	0	0	0	0		
10	0	0	0	0		
11	0	0	0	0		
12	0	0	0	0		
13	0	0	0	0		
14	0	0	0	0		
15	0	0	0	0		
16	0	0	0	0		
17	0	0	0	0		
18	0	0	0	-		truck done pumping
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

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 Observer's Signature: **Robert J. Stewart** Date: **2/19/13**
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 Certified By: **E.J.A.** Date: **2/13/13**

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name **Cemex PORTABLE READY MIX**
 Facility Name **#-7775593**
 Street Address **1290 FOXMOOR ST.**
 City **MOOREHAVEN** State **FL** Zip **33471**

Process **loading cement** Unit # _____ Operating Mode _____
 Control Equipment **south** Operating Mode _____
baghouse (d.c.) east

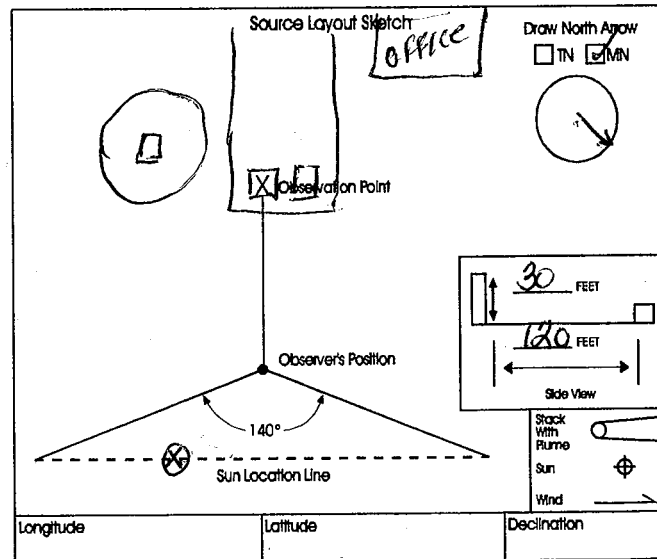
Describe Emission Point
vent on south d.c. of split rectangular
SILO.

Height of Emiss. Pt. Height of Emiss. Pt. Rel. to Observer
 Start **~30'** End **~30'** Start **~30'** End **~30'**
 Distance to Emiss. Pt. Direction to Emiss. Pt. (Degrees)
 Start **~120'** End **~120'** Start **255** End **255**

Vertical Angle to Obs. Pt. Direction to Obs. Pt. (Degrees)
 Start **~10°** End **~10°** Start **255** End **255**
 Distance and Direction to Observation Point from Emission Point
 Start **N/A** End **N/A**

Describe Emissions
 Start **NONE** End **NONE**
 Emission Color Water Droplet Plume
 Start **N/A** End **N/A** Attached Detached None

Describe Plume Background
 Start **SKY** End **SKY**
 Background Color Sky Conditions
 Start **BLUE** End **BLUE** Start **SCAT** End **BROKEN**
 Wind Speed Wind Direction
 Start **10-15MPH** End **5-10MPH** Start **SW** End **S-SW**
 Ambient Temp. Wet Bulb Temp. RH Percent
 Start **77°F** End **79°F** **64%**



Longitude _____ Latitude _____ Declination _____

Additional Information

Form Number _____ Page **1** Of **2**
 Continued on VEO Form Number _____

Observation Date	Time Zone	Start Time	End Time	Comments						
2/19/13	EST	9:52AM	10:25AM							
Sec	0	15	30	45						
Min										
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						
13	0	0	0	0						
14	0	0	0	0						
15	0	0	0	0						
16	0	0	0	0						
17	0	0	0	0						
18	0	0	0	0						
19	0	0	0	0						
20	0	0	0	0						
21	0	0	0	0						
22	0	0	0	0						
23	0	0	0	0						
24	0	0	0	0						
25	0	0	0	0						
26	0	0	0	0						
27	0	0	0	0						
28	0	0	0	0						
29	0	0	0	0						
30	0	0	0	0						

Observer's Name (Print) **Robert J. Stewart**
 Observer's Signature **Robert J. Stewart** Date **2/19/13**
 Organization **FDEP**
 Certified By **E.T.A.** Date **2/13/13**

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name **Cemex PORTABLE**
 Facility Name **# 7775593**
 Street Address _____
 City _____ State _____ Zip _____

Process _____ Unit # _____ Operating Mode _____
 Control Equipment _____ Operating Mode _____

Describe Emission Point

Height of Emiss. Pt.		Height of Emiss. Pt. Rel. to Observer	
Start	End	Start	End
Distance to Emiss. Pt.		Direction to Emiss. Pt. (Degrees)	
Start	End	Start	End

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

Describe Emissions

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

Describe Plume Background

Start	End	Background Color	Sky Conditions
Start	End	Start	End
Wind Speed		Wind Direction	
Start	End	Start	End
Ambient Temp.		Wet Bulb Temp.	RH Percent
Start	End		

Source Layout Sketch

Draw North Arrow
 TN MN

Stack with Plume Sun

Wind

Longitude	Latitude	Declination
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Additional Information

Form Number	Page 2 Of 2
Continued on VEO Form Number	

Observation Date	Time Zone	Start Time	End Time	Comments	
2/19/13	EST		10:25 AM		
Sec	0	15	30	45	
Min	0	0	0	0	
1	0	0	0	0	stop loading south section to load north section, split load into both sections of silo.
2	0	0	0	0	
3	0	0	0	0	
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Observer Name (Print)	Robert J. Stewart	
Observer's Signature	Robert J. Stewart	Date 2/19/13
Organization	FDEP	
Certified By	E.T.A.	Date 2/13/13

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number: _____ Page 1 Of 2
 Continued on VEO Form Number: _____

Company Name: Cemex PORTABLE Ready Mix
 Facility Name: # 777 5593
 Street Address: 1290 FOXMOOR ST.
 City: MOOREHAVEN State: FL Zip: 33471

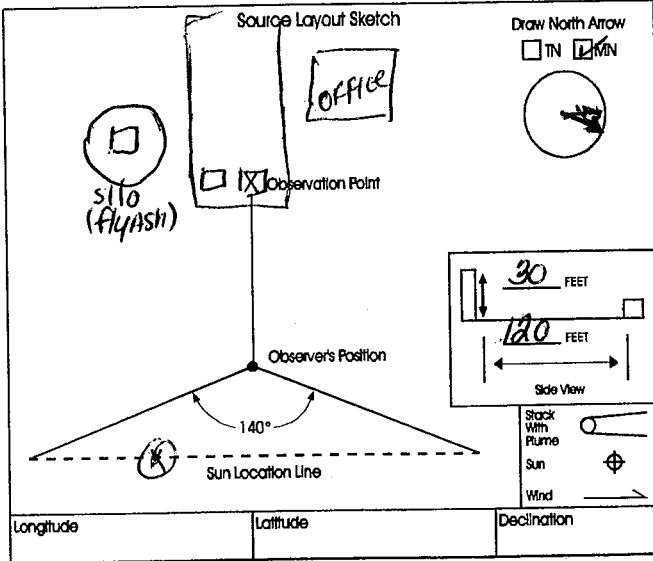
Process: loading cement Unit #: _____ Operating Mode: _____
 Control Equipment: die collector Operating Mode: 10 PSI

Describe Emission Point: (d.c.) SOUTH NORTH BAGHOUSE ON SPLIT RECTANGULAR Silo (bin)
 Height of Emiss. Pt. Rel. to Observer: Start ~30' End ~30'
 Distance to Emiss. Pt.: Start ~120' End ~120'
 Direction to Emiss. Pt. (Degrees): Start 254 End 254

Vertical Angle to Obs. Pt.: Start ~10° End ~10°
 Direction to Obs. Pt. (Degrees): Start 254 End 254
 Distance and Direction to Observation Point from Emission Point: Start N/A End N/A

Describe Emissions: Start NONE End NONE
 Emission Color: Start N/A End N/A
 Water Droplet Plume: Attached Detached None

Describe Plume Background: Start SKY End SKY
 Background Color: Start BLUE End BLUE
 Sky Conditions: Start SCAT End BROKEN
 Wind Speed: Start 10-15mph End 5-10mph
 Wind Direction: Start S-SW End _____
 Ambient Temp: Start 77°F End 79°F
 Wet Bulb Temp: _____ RH Percent: 64%



Longitude: _____ Latitude: _____ Declination: _____

Additional Information: tons 24.84 split ~~at~~ load. of cement loaded into each ^{two} sections.

Min	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	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print): Robert J. Stewart
 Observer's Signature: Robert J. Stewart Date: 2/19/13
 Organization: FDEP
 Certified By: E.T.A. Date: 2/13/13

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number _____ Page 2 Of 2
 Continued on VEO Form Number _____

Company Name Cemex PORTABLE
 Facility Name # 7775593
 Street Address _____
 City _____ State _____ Zip _____

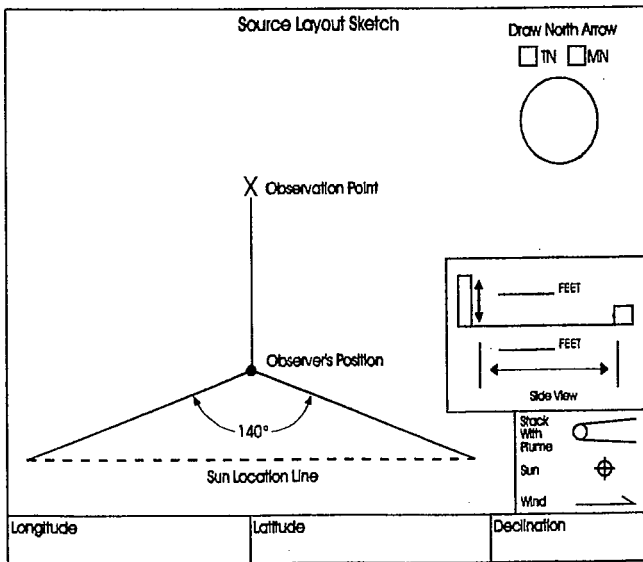
Process _____ Unit # _____ Operating Mode _____
 Control Equipment _____ Operating Mode _____

Describe Emission Point
NORTH baghouse
 Height of Emis. Pt. _____ Height of Emis. Pt. Rel. to Observer _____
 Start _____ End _____ Start _____ End _____
 Distance to Emis. Pt. _____ Direction to Emis. Pt. (Degrees) _____
 Start _____ End _____ Start _____ End _____

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

Describe Emissions
 Start _____ End _____
 Emission Color _____ Water Droplet Plume _____
 Start _____ End _____ Attached Detached None

Describe Plume Background
 Start _____ End _____
 Background Color _____ Sky Conditions _____
 Start _____ End _____ Start _____ End _____
 Wind Speed _____ Wind Direction _____
 Start _____ End _____ Start _____ End _____
 Ambient Temp. _____ Wet Bulb Temp. _____ RH Percent _____
 Start _____ End _____



Additional Information _____

Observation Date	Time Zone	Start Time	End Time	Comments	
<u>2/19/13</u>	<u>EST</u>		<u>11:03am</u>		
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	-	<u>done truck pumping</u>
7					
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) Robert J. Stewart
 Observer's Signature Robert Stewart Date 2/19/13
 Organization FDEP
 Certified By E.T.A. Date 2/13/13