

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name  
**Cemex Construction**

Facility Name  
**Cemex Indiantown**

Street Address  
**17200 Railroad Ave.**

City  
**Indiantown**      State  
**FL**      Zip  
**34956**

Process  
**Weigh hopper**      Unit #  
**3**      Operating Mode  
**Normal**

Control Equipment  
**Baghouse**      Operating Mode  
**Normal**

Describe Emission Point  
**Baghouse**

Height of Emiss. Pt.  
Start **25**      End **25**      Height of Emiss. Pt. Rel. to Observer  
Start **20 ft**      End **20 ft**

Distance to Emiss. Pt.  
Start **80 ft**      End **80 ft**      Direction to Emiss. Pt. (Degree)  
Start **~**      End **285°**

Vertical Angle to Obs. Pt.  
Start      End      Direction to Obs. Pt. (Degree)  
Start **~**      End **285°**

Distance and Direction to Observation Point from Emission Point  
Start      End

Describe Emissions

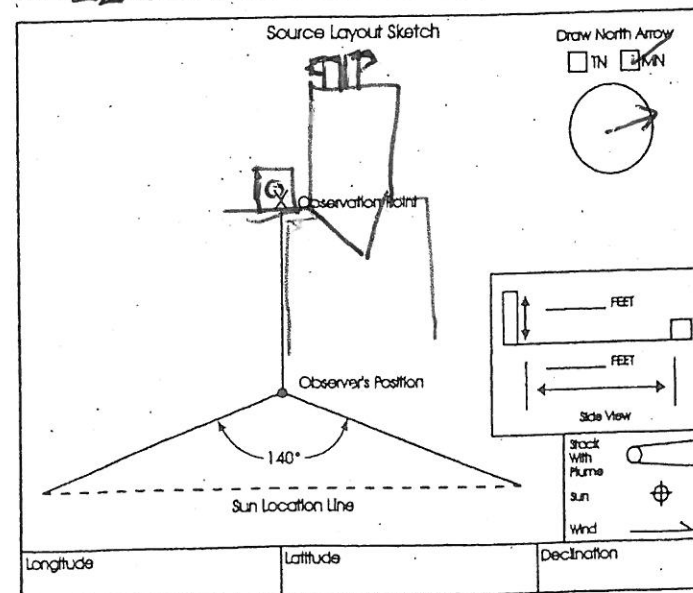
Start      End  
Emission Color      Water Droplet Plume  
Start **N/A**      End **N/A**      Attached       Detached       None

Describe Plume Background

Start **Blue Sky**      End  
Background Color      Sky Conditions  
Start **Blue**      End **Blue**      Start **clear**      End **clear**

Wind Speed      Wind Direction  
Start **13 km/hr**      End      Start **NW**      End

Ambient Temp.      Wet Bulb Temp.      RH Percent  
Start **22°C**      End      **N/A**      **71%**



Additional Information

Form Number      Page **1** of **1**

Continued on VEO Form Number

Observation Date	Time Zone	Start Time	End Time						
<b>2/18/11</b>	<b>EST</b>	<b>9:05</b>	<b>9:12</b>	Sec	0	15	30	45	Comments
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					
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Observer's Name (Print)  
**Michelle Robinson**

Observer's Signature  
**Michelle Robinson**      Date  
**2/18/2011**

Organization  
**FDEP**

Certified By  
**ETA**      Date  
**1/5/2011**

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name  
**Cemex Indiantown**

Facility Name  
**Cemex Indiantown RM**

Street Address  
**17200 Railroad Ave**

City  
**Indiantown**      State  
**FL**      Zip  
**34956**

Process  
**Concrete Batch**      Unit #  
**04**      Operating Mode

Control Equipment  
**Baghouse**      Operating Mode

Describe Emission Point  
**Split Silo (Vent on dust collector)**

Height of Emiss. Pt.  
Start **70 ft**      End **70 ft**      Height of Emiss. Pt. Rel. to Observer  
Start **65 ft**      End **65 ft**

Distance to Emiss. Pt.  
Start **80 ft**      End **80 ft**      Direction to Emiss. Pt. (Degrees)  
Start ~      End **285°**

Vertical Angle to Obs. Pt.  
Start      End      Direction to Obs. Pt. (Degrees)  
Start      End **285°**

Distance and Direction to Observation Point from Emission Point  
Start      End

Describe Emissions  
Start **none**      End

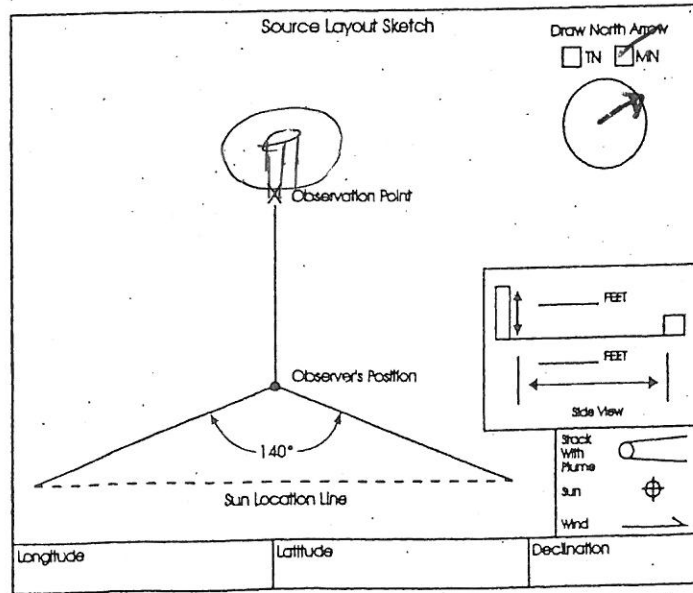
Emission Color  
Start **white**      End **white**      Water Droplet Plume  
Attached       Detached       None

Describe Plume Background  
Start **Sky**      End **Sky**

Background Color  
Start **Blue**      End      Sky Conditions  
Start **Clear**      End

Wind Speed  
Start **21 km/hr**      End      Wind Direction  
Start **NW**      End

Ambient Temp.  
Start **22°C**      End      Wet Bulb Temp.      RH Percent  
**81%**



Additional Information

Form Number      Page **1** of **1**

Continued on VEO Form Number

Observation Date		Time Zone		Start Time	End Time	Comments
2/8/11		EST		8:44	8:57	
Sec	Min	0	15	30	45	
1	0	0	0	0		
2	0	0	5	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		
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29						
30						

Observer's Name (Print)  
**Michelle Robinson**

Observer's Signature  
*Michelle Robinson*      Date  
**2/8/2011**

Organization  
**FDOP**

Certified By  
**ETA**      Date  
**1/5/2011**

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number \_\_\_\_\_ Page 1 of 1  
 Continued on VEO Form Number \_\_\_\_\_

Company Name  
Cemex Construction

Facility Name  
Indiantown RM

Street Address  
17200 Railroad Ave

City  
Indiantown State  
FL Zip  
34956

Process  
Concrete Unit #  
05 Operating Mode

Control Equipment  
Baghouse Operating Mode

Describe Emission Point  
SE Split Silo

Height of Emiss. Pt.  
Start 70 ft End 70 ft Height of Emiss. Pt. Rel. to Observer  
Start 65 ft End 65 ft

Distance to Emiss. Pt.  
Start 100 ft End 100 ft Direction to Emiss. Pt. (Degrees)  
Start 285° End ~

Vertical Angle to Obs. Pt.  
Start \_\_\_\_\_ End \_\_\_\_\_ Direction to Obs. Pt. (Degrees)  
Start 285° End ~

Distance and Direction to Observation Point from Emission Point  
Start same End same

Describe Emissions  
Start none End \_\_\_\_\_

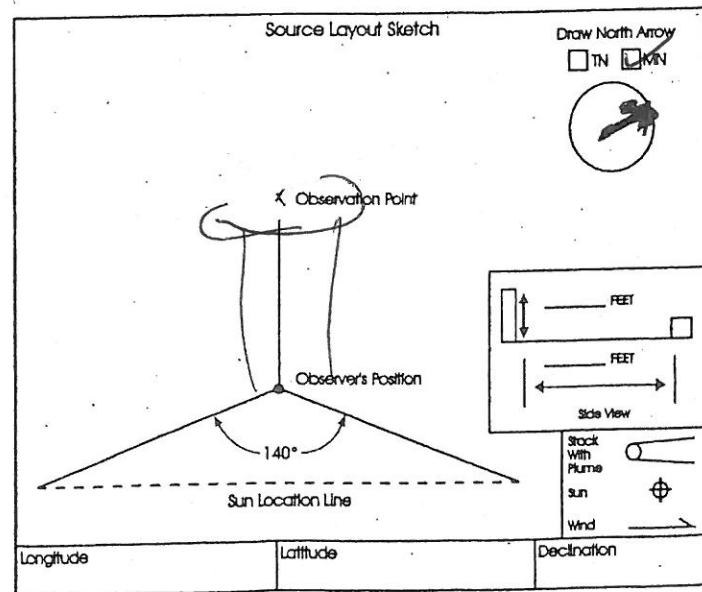
Emission Color  
Start white End white Water Droplet Plume  
Attached  Detached  None

Describe Plume Background  
Start Blue sky End \_\_\_\_\_

Background Color  
Start Blue End Blue Sky Conditions  
Start clear End clear

Wind Speed  
Start 21 km/hr End \_\_\_\_\_ Wind Direction  
Start NW End \_\_\_\_\_

Ambient Temp.  
Start 22°C End \_\_\_\_\_ Wet Bulb Temp.  
RH Percent  
71%



Observation Date		Time Zone			Start Time	End Time
2/8/11		EST			8:30	8:41
Sec	0	15	30	45	Comments	
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		
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Observer's Name (Print)  
Michelle Robinson

Observer's Signature  
Michelle Robinson Date  
2/8/2011

Organization  
FDEP

Certified By  
ETA Date  
1/15/2011

Additional Information

# VISIBLE EMISSIONS EVALUATOR

This is to certify that

**NOAH HANDLEY**

met the specifications of Federal Reference Method 9 and qualifies as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, NC. This certificate is valid for six months from date of issue.

**390674**

CERT NUMBER

**1/5/2011**

DATE OF SCHOOL

**WEST PALM BEACH, FL**

SCHOOL LOCATION

**7/7/2011**

CERTIFICATION EXP DATE

**HAN045135**

STUDENT ID NUMBER

*Jody Monk*

Director of Training