

EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number					Page	1	Of	3
Continued on VEO Form Number								

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

Company Name Tarmac		
Facility Name Punta Gorda Plant		
Street Address 26451 Eagle Blvd		
City Punta Gorda	State FL	Zip 33950

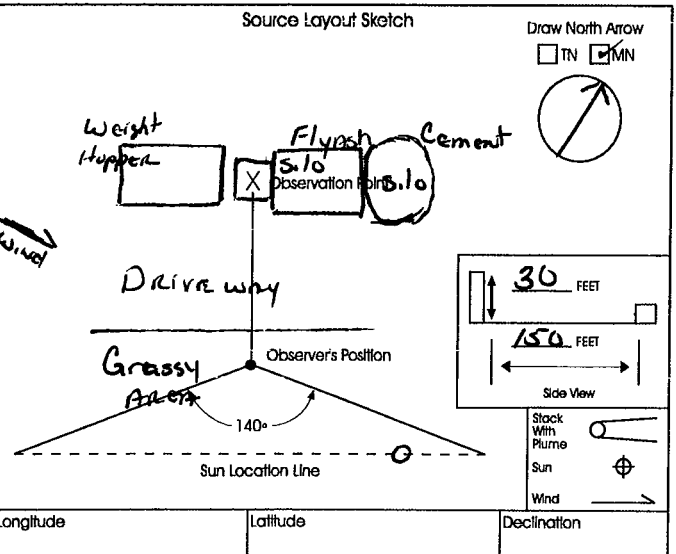
Process 2 Tanker Unloading	Unit # 1	Operating Mode See below
Control Equipment Baghouse		Operating Mode See below

Describe Emission Point Central dust collector/located west of flyash silo			
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. (Degrees) Start 325° End 325°	

Vertical Angle to Obs. Pt. Start 10° End 10°		Direction to Obs. Pt. (Degrees) Start 325° End 325°	
Distance and Direction to Observation Point from Emission Point Start 0 End 0			

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

Describe Plume Background Start Sky End Sky			
Background Color Start Blue End Blue		Sky Conditions Start Clear End Clear	
Wind Speed Start 1mph End 4mph		Wind Direction Start S End E	
Ambient Temp. Start 77° End 82°		Wet Bulb Temp. / RH Percent 94%	



Additional Information

Cement - 26.33 tons Flyash - 26.28 tons

Cement Press - 8psi Flyash Press - 6psi

VEOF 1.1 Load rate Cement - 28.2 tph Flyash - 25 tph

Min	Observation Date 7/29/11				Time Zone	Start Time 8:19	End Time 9:22	Comments
	Sec	0	15	30				
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								Tanker Pressure Check
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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) Sherrill Culliver	Date 7/29/11
Observer's Signature <i>Sherrill Culliver</i>	Organization FDEP
Certified By ETA	Date 2/11

FORM 1

Form Number Page 2 Of 3
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Observation Date		Time Zone				Start Time	End Time
Min	Sec	0	15	30	45	Comments	
1		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
2		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
3		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
4		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
5		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
6		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
7		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
8		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
9		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
10		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
11		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
12		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
13		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
14		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
15		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
16		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
17		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
18		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
19		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
20		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
21		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
22		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
23		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
24		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
25		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
26		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Cement Tanker
27		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Finished
28		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
29		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
30		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

Observer's Name (Print) _____
 Observer's Signature _____ Date _____
 Organization _____
 Verified By _____ Date _____

EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number						Page	2	Of	3
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Method Used (Circle One)		
Method 9	203A	2038
Other: _____		

Company Name <i>Tarmac</i>		
Facility Name <i>Punta Gorda Plant</i>		
Street Address		
City	State	Zip

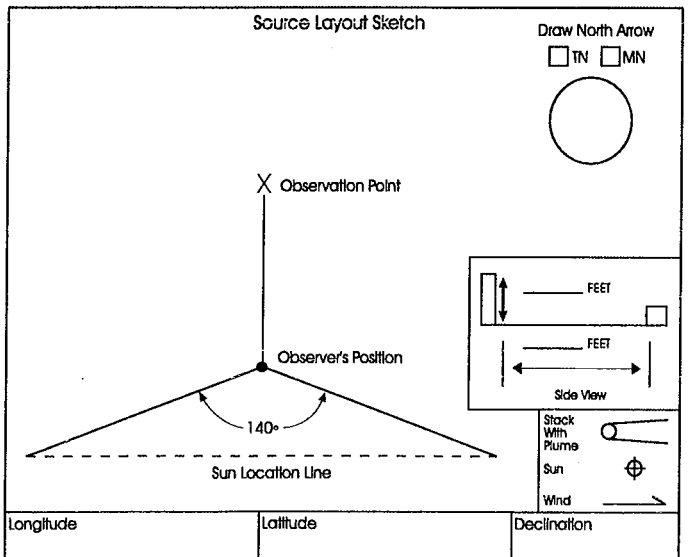
Process	Unit #	Operating Mode
Control Equipment	Operating Mode	

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"/>		
Start	End		

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
Sec Min	0	15	30	45	Comments	
	1	○	○	○		
2	○	○	○	○		
3	○	○	○	○		
4	○	○	○	○		
5	○	○	○	○		
6	○	○	○	○		
7	○	○	○	○		
8	○	○	○	○		
9	○	○	○	○		
10	○	○	○	○		
11	○	○	○	○		
12	○	○	○	○		
13	○	○	○	○		
14	○	○	○	○		
15	○	○	○	○		
16	○	○	○	○		
17	○	○	○	○		
18	○	○	○	○		
19	○	○	○	○		
20	○	○	○	○		
21	○	○	○	○		
22	○	○	○	○		
23	○	○	○	○		
24	○	○	○	○		
25	○	○	○	○		
26	○	○	○	○		<i>Cement Tanker</i>
27	○	○	○	○		<i>Finished</i>
28	○	○	○	○		
29	○	○	○	○		
30	○	○	○	○		

Observer's Name (Print)	
Observer's Signature	Date
Organization	
Certified By	Date

EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number						Page 3	Of 3
Continued on VEO Form Number							

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

Company Name <i>Tarima</i>		
Facility Name <i>Punta Gorda Plant</i>		
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	
Emission Color		Water Droplet Plume	
Start	End	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

Observer's Position

Observation Point

Sun Location Line

140°

Side View

Stack With Plume

Sun

Wind

Longitude	Latitude	Declination
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Additional Information	

Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
1	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>			
2	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>			
3	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>			
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Observer's Name (Print)	
Observer's Signature	Date
Organization	
Certified By	Date