

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number _____ Page 1 Of 3
 Continued on VEO Form Number _____

Company Name KUHLMAN CONCRETE
 Facility Name # 7775320
 Street Address 2690 Rockfill Rd.
 City FT. MYERS State FL Zip _____

Process loading cement Unit # _____ Operating Mode NORMAL
 Control Equipment baghouse Operating Mode 10 PSI

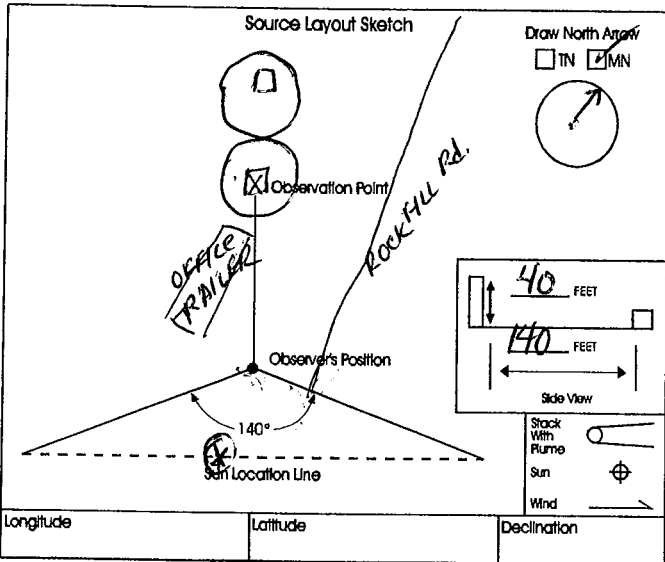
Describe Emission Point
baghouse ON south silo (cement)

Height of Emiss. Pt. Start 240' End 240' Height of Emiss. Pt. Rel. to Observer Start 240' End 240'
 Distance to Emiss. Pt. Start 740' End 740' Direction to Emiss. Pt. (Degrees) Start 303 End 303

Vertical Angle to Obs. Pt. Start 218° End 218° Direction to Obs. Pt. (Degrees) Start 303 End 303
 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-clouds End SKY-clouds
 Background Color Start BLUE End BLUE Sky Conditions Start clear End clear
 Wind Speed Start 3.5MPH End 3.5MPH Wind Direction Start NW End NW
 Ambient Temp. Start 66°F End 74°F Wet Bulb Temp. _____ RH Percent 66%



Additional Information
27.18 tons cement pumped

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 12/22/10
 Organization FDEP
 Certified By E.T.A. Date 8/11/10

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name Kuhlman Concrete
 Facility Name # 7775320
 Street Address _____
 City _____ State _____ Zip _____

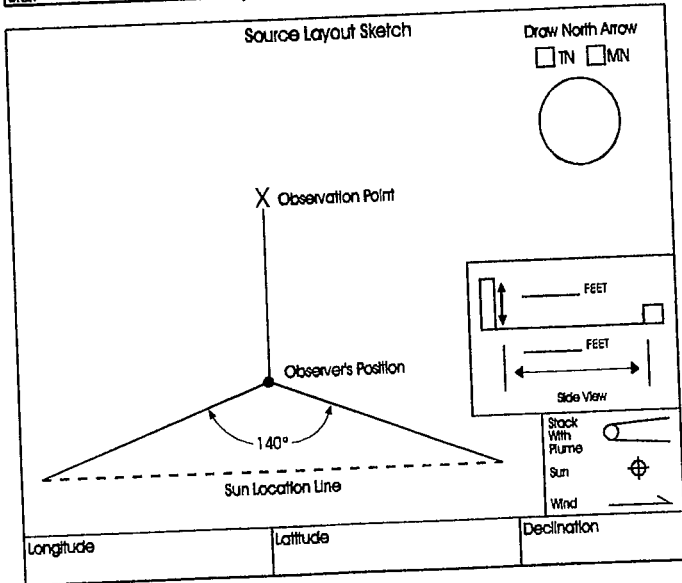
Process _____ Unit # _____ Operating Mode _____
 Control Equipment _____ Operating Mode _____

Describe Emission Point
baghouse south silo
 Height of Emiss. Pt. _____
 Start _____ End _____
 Height of Emiss. Pt. Rel. to Observer
 Start _____ End _____
 Distance to Emiss. Pt.
 Start _____ End _____
 Direction to Emiss. Pt. (Degrees)
 Start _____ End _____

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

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

Describe Plume Background
 Start _____ End _____
 Background Color _____
 Sky Conditions _____
 Start _____ End _____
 Wind Speed _____
 Start _____ End 3-5mph
 Wind Direction _____
 Start _____ End _____
 Ambient Temp. _____
 Start _____ End 74°F
 Wet Bulb Temp. _____
 RH Percent _____



Additional Information _____

Form Number _____ Page 2 of 3
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Min	Time Zone				Start Time	End Time	Comments
	Sec	0	15	30			
							<u>HINTANGS</u>
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	15	15	5	0			<u>down pump</u>
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 12/22/10
 Organization FDEP
 Certified By E.T.A. Date 8/11/10

EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number	Page 3 of 3
Continued on VEO Form Number	

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

Company Name: **Kuhlman Concrete**
 Facility Name: **# 777 5320**
 Street Address: _____
 City: _____ State: _____ Zip: _____

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

Describe Emission Point: **South Silo**

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

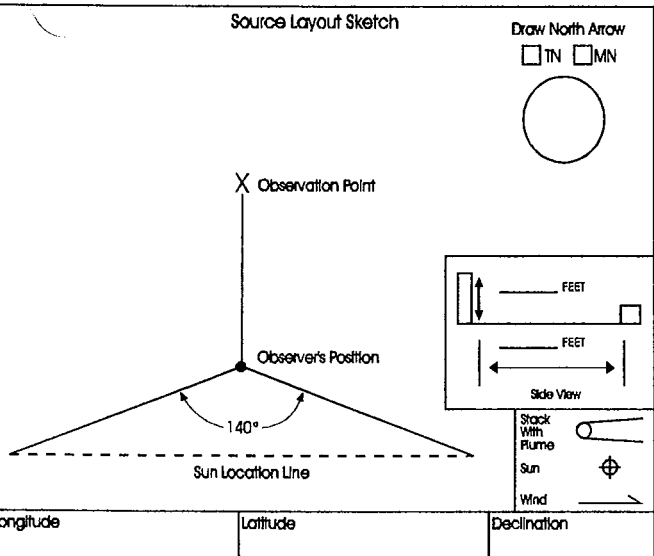
Vertical Angle to Obs. Pt. (Start/End) Direction to Obs. Pt. (Degrees) (Start/End)
 Distance and Direction to Observation Point from Emission Point (Start/End)

Describe Emissions

Emission Color: _____ Water Droplet Plume: _____
 Attached Detached None

Describe Plume Background

Background Color: _____ Sky Conditions: _____
 Wind Speed: _____ Wind Direction: _____
 Ambient Temp.: _____ Wet Bulb Temp.: _____ RH Percent: _____



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	
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30					

Observer's Name (Print): **Robert J. Stewart**
 Observer's Signature: *Robert J. Stewart* Date: **12/22/10**
 Organization: **FBEP**
 Certified By: **E.T.A.** Date: **8/11/10**

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name _____
 Facility Name _____
 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 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 _____ Start _____ End _____

Source Layout Sketch

Draw North Arrow
 TN MN

X Observation Point

Observer's Position

Sun Location Line

140°

FEET

FEET

Side View

Stack With Plume

Sun

Wind

Longitude _____ Latitude _____ Declination _____

Additional Information

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

Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
1							
2							
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7							
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29							
30							

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

EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number Page 1 Of 2
Continued on VEO Form Number

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

Company Name Kuhlman Concrete
Facility Name # 7775320
Street Address Rockfill Rd.
City FL Myers State FL Zip _____

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

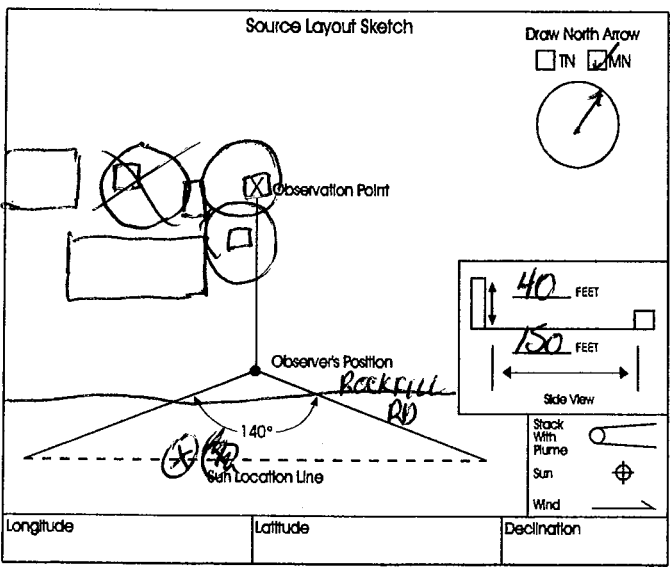
Describe Emission Point
baghouse vent on north silo

Height of Emiss. Pt. Start 40' End 40' Height of Emiss. Pt. Rel. to Observer Start 40' End 40'
Distance to Emiss. Pt. Start 150' End 150' Direction to Emiss. Pt. (Degrees) Start 310 End 310

Vertical Angle to Obs. Pt. Start 18° End 18° Direction to Obs. Pt. (Degrees) Start 310 End 310
Distance and Direction to Observation Point from Emission Point Start N/A End N/A

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

Describe Plume Background
Start SKY End SKY
Background Color Start BLUE End BLUE Sky Conditions Start clear End clear
Wind Speed Start 3-5mph End 3-6mph Wind Direction Start NEW End NW
Ambient Temp. Start 66°F End 74°F Wet Bulb Temp. _____ RH Percent 66%



Min	Observation Date				Time Zone	Start Time	End Time	Comments
	Sec	0	15	30				
1	0	0	0	0	EST	12:12		flyash
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 12/22/10
Organization FDEP
Certified By E.T.A. Date 8/11/10

Additional Information
27.18 tons pumped
27.12 flyash

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name Kuhlman
 Facility Name _____
 Street Address _____
 City _____ State _____ Zip _____

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

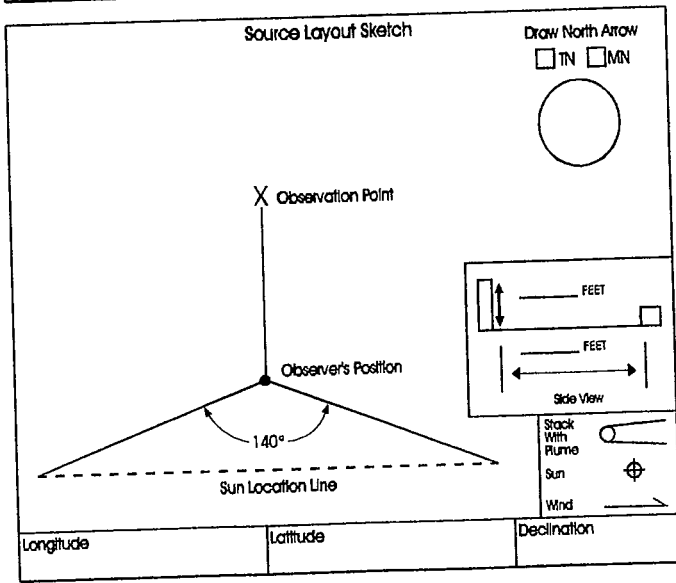
Describe Emission Point _____

 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 Detached None

Describe Plume Background _____
 Start _____ End _____
 Background Color _____ Sky Conditions _____
 Start _____ End SCAT
 Wind Speed _____ Wind Direction _____
 Start _____ End _____ Start _____ End _____
 Ambient Temp. _____ Wet Bulb Temp. _____ RH Percent _____
 Start _____ End 76



Additional Information _____

Form Number _____ Page 2 Of 2
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Observation Date		Time Zone				Start Time	End Time
12/28/10		EST					1:30pm
Sec	0	15	30	45	Comments		
Min							
1	0	0	0	0	north silo		
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	down pumping		
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Observer's Name (Print) Robert J. Stewart
 Observer's Signature Robert J. Stewart Date 12/28/10
 Organization FDEP
 Certified By E.T.A. Date 8/11/10

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number _____ Page 1 of 1
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Company Name Kuhlman Concrete
 Facility Name # 7775320
 Street Address 2690 Rockfill Rd
 City Ft. Myers State FL Zip _____

Process truck loadout Unit # _____ Operating Mode normal
 Control Equipment cdc Operating Mode _____

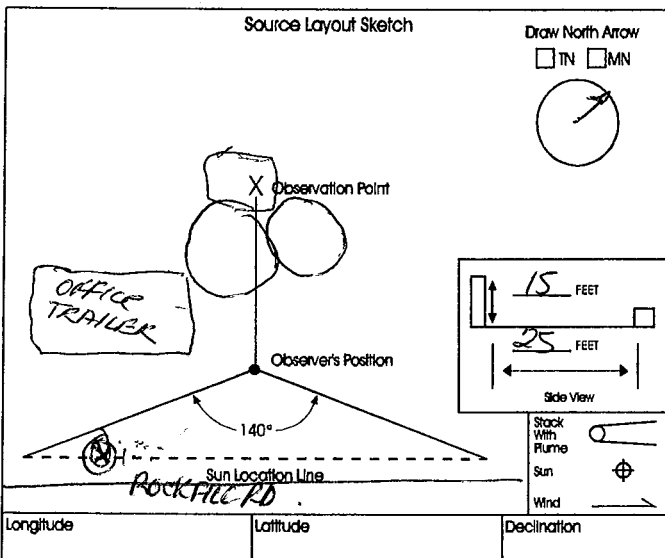
Describe Emission Point
c.d.c vent

Height of Emiss. Pt. Start 15' End 25' Height of Emiss. Pt. Rel. to Observer Start 15' End 25'
 Distance to Emiss. Pt. Start 25' End 25' Direction to Emiss. Pt. (Degrees) Start 300 End 300

Vertical Angle to Obs. Pt. Start 210 End 210 Direction to Obs. Pt. (Degrees) Start 300 End 300
 Distance and Direction to Observation Point from Emission Point Start N/A End N/A

Describe Emissions
 Start SKY NONE End SKY DUST
 Emission Color N/A WHITE Water Droplet Plume _____
 Start BLUE End BLUE Attached Detached None

Describe Plume Background
 Start SKY End SKY
 Background Color Start BLUE End BLUE Sky Conditions Start clear End clear
 Wind Speed Start 3-5mph End 5-10 Wind Direction Start NW End NW
 Ambient Temp Start 74°F End 74°F Wet Bulb Temp. _____ RH Percent 69%



Min	Time Zone				Start Time	End Time	Comments
	Sec	0	15	30			
1	0	0	0	0	12:59pm	1:05pm	truck loadout
2	0	0	0	0			
3	0	0	0	0			
4	0	0	0	0			
5	0	15	5	0			dusting at end of loading cone
6	0	0	0	0			done loading
7							wind directly blowing into loading shroud
8							may be causing dusting
9							
10							No emissions sent from c.d.c.
11							
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Observer's Name (Print) Robert J. Stewart
 Observer's Signature Robert J. Stewart Date 12/22/10
 Organization FDEP
 Certified By E.T.A. Date 8/11/10

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name _____
 Facility Name _____
 Street Address _____
 City _____ State _____ Zip _____

Process	Unit #	Operating Mode
Control Equipment		Operating Mode

Describe Emission Point

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

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

Describe Emissions

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

Describe Plume Background

Start _____ End _____	Sky Conditions
Background Color Start _____ End _____	Wind Direction Start _____ End _____
Wind Speed Start _____ End _____	Ambient Temp. Wet Bulb Temp. RH Percent
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	Of
Continued on VEO Form Number		

Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
1							
2							
3							
4							
5							
6							
7							
8							
9							
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11							
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29							
30							

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