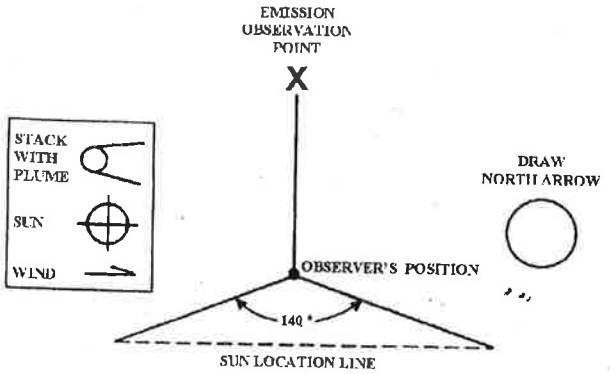
VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

Observation Date	Start Time	End Time
02-04-13	0700	0730

Min \ Sec	0	15	30	45	Comments
1	10	10	10	10	#1 - 10-10-10-10
2	10	10	10	10	10-10-10-10
3	10	10	10	10	10-10-10-10
4	10	10	10	10	10-10-10-10
5	10	10	10	10	#1 - 10-10-10-10
6	10	10	10	10	10-10-10-10
7	10	10	10	10	10-10-10-10
8	10	10	10	10	10-10-10-10
9	10	10	10	10	10-10-10-10
10	10	10	10	10	#1 - 10-10-10-10
11	10	15	15	15	10-10-10-10
12	15	15	15	15	10-10-10-10
13	15	15	15	15	10-10-10-10
14	15	15	15	15	10-10-10-10
15	15	15	15	15	#1 - 10-10-15-15
16	15	15	15	15	15-15-15-15
17	15	15	15	15	15-15-15-15
18	15	15	15	15	15-15-15-15
19	15	15	15	15	15-15-15-15
20	15	10	10	10	#1 - 15-10-10-10
21	10	10	10	10	10-10-10-10
22	10	10	10	10	10-10-10-10
23	10	10	10	10	10-10-10-10
24	10	10	10	10	10-10-10-10
25	10	5	5	5	#1 - 10-5-5-5
26	5	5	5	5	5-5-5-5
27	10	10	10	10	5-10-10-10
28	10	10	10	10	10-10-10-10
29	10	10	10	10	10-10-10-10
30	10	10	10	10	#1 - 10-10-10-10

SOURCE LAYOUT SKETCH



Observer's Name (Print) Eric Gregornis	
Observer's Signature Eric Gregornis	Date 02-04-13
Organization	
Certified by	Date

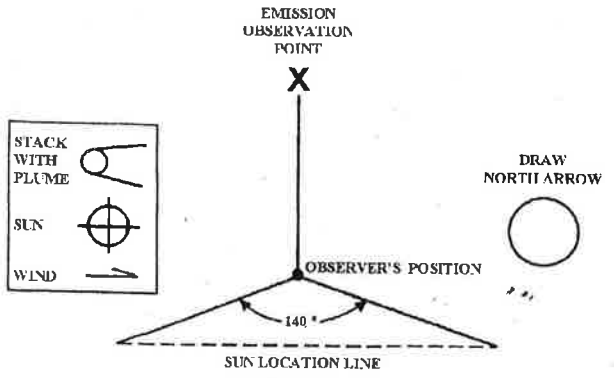
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	1731	1900

Min \ Sec	0	15	30	45	Comments
1	10	10	10	10	#1-10-10-10-10
2	10	10	10	5	10-10-10-10
3	5	5	5	5	10-10-10-10
4	5	5	5	5	10-10-10-10
5	5	5	5	5	#1-10-10-10-10
6	5	5	5	5	10-10-10-10
7	5	5	5	5	15-10-10-10
8	5	5	5	5	10-10-10-10
9	5	5	5	5	10-5-5-5
10	5	5	5	5	#1-5-5-5-5
11	5	5	5	5	5-5-5-5
12	5	5	5	5	5-5-5-5
13	5	5	5	5	5-5-5-5
14	5	5	5	5	5-5-5-5
15	5	5	5	5	#1-5-5-5-5
16	5	5	5	5	5-10-10-10
17	5	5	5	5	10-10-10-10
18	5	5	5	5	10-10-10-10
19	5	5	5	5	10-10-10-10
20	5	5	5	5	#1-10-10-10-10
21	5	5	5	5	10-10-10-10
22	5	5	5	5	10-10-10-10
23	5	5	5	5	10-10-10-10
24	5	5	5	5	10-10-10-10
25	5	5	5	5	#1-10-10-10-10
26	5	5	5	5	10-10-10-10
27	5	5	5	5	10-10-10-10
28	5	5	5	5	10-10-10-10
29	5	5	5	5	10-10-10-10
30	5	5	5	5	#1-10-10-10-10

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

Additional Information

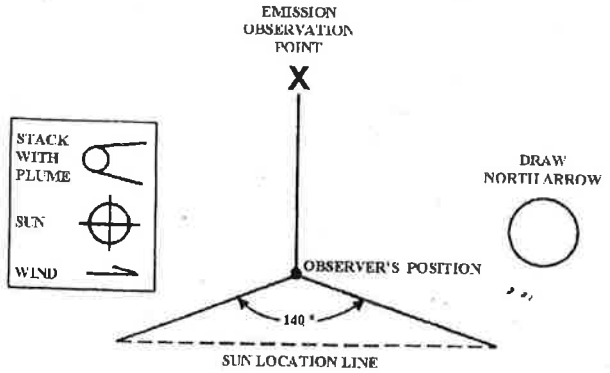
Continue on reverse side

(2)

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	0731	0800

Min \ Sec	0	15	30	45	Comments
1	10	10	10	10	#1 - 15-15-15-15
2	5	5	5	5	10-10-10-10
3	5	5	5	5	10-10-10-10
4	5	5	5	5	10-10-10-10
5	5	5	5	5	#1 -10-10-10-10
6	5	5	5	5	10-10-10-10
7	5	5	5	5	10-10-10-10
8	5	5	5	5	10-10-10-10
9	5	5	5	5	10-10-10-10
10	5	5	5	5	#1-10-10-10-10
11	5	5	5	5	10-10-10-10
12	5	5	5	5	10-10-10-10
13	5	5	5	5	10-10-10-10
14	5	5	5	5	10-10-10-10
15	5	5	5	5	#1-10-10-10-10
16	5	5	5	5	10-10-10-10
17	5	5	5	5	10-10-10-10
18	5	5	5	5	10-10-10-10
19	5	5	5	5	10-10-10-10
20	5	5	5	5	#1-10-10-10-10
21	5	5	5	5	10-10-10-10
22	5	5	5	5	10-10-10-10
23	5	5	5	5	10-10-10-10
24	10	10	10	10	10-5-5-5
25	10	15	15	15	#1-5-5-5-5
26	15	15	15	15	5-5-5-5
27	15	15	15	15	5-5-5-5
28	15	15	15	15	5-5-5-5
29	15	15	15	15	5-5-5-5
30	15	15	15	15	#1-5-5-5-5

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

Additional Information

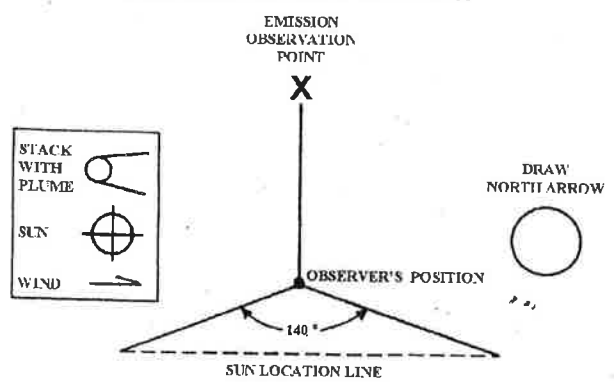
Continue on reverse side

(2)

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	0801	0830

Min \ Sec	0	15	30	45	Comments
1	15	15	15	15	#1 - 5 - 5 - 5 - 5
2	15	15	15	15	5 - 5 - 5 - 5
3	15	15	10	10	5 - 5 - 5 - 5
4	10	10	10	10	5 - 5 - 5 - 5
5	10	10	10	10	#1 - 5 - 5 - 10 - 10
6	10	10	10	10	10 - 15 - 15 - 15
7	10	10	10	10	15 - 20 - 20 - 20
8	10	10	10	10	20 - 20 - 20 - 20
9	10	10	10	10	20 - 20 - 20 - 20
10	10	10	10	10	#1 - 20 - 20 - 20 - 20
11	10	10	10	10	20 - 20 - 20 - 20
12	10	10	10	20	20 - 15 - 15 - 15
13	20	20	20	20	15 - 15 - 15 - 15
14	20	20	20	20	15 - 15 - 15 - 15
15	20	20	20	15	#1 - 10 - 10 - 10 - 10
16	15	15	15	15	10 - 15 - 15 - 15
17	15	15	15	15	15 - 15 - 15 - 15
18	15	15	10	10	15 - 15 - 10 - 10
19	10	10	10	10	10 - 10 - 10 - 10
20	10	10	10	10	#1 - 10 - 10 - 10 - 10
21	10	10	10	10	10 - 10 - 10 - 10
22	10	10	10	10	10 - 10 - 10 - 10
23	10	10	10	5	10 - 10 - 10 - 10
24	5	5	5	5	5 - 5 - 5 - 5
25	5	5	5	5	#1 - 10 - 10 - 10 - 10 start
26	5	5	5	5	5 - 5 - 10 - 10
27	5	5	5	5	10 - 10 - 10 - 10
28	5	5	5	5	10 - 10 - 10 - 10
29	5	5	5	5	10 - 10 - 10 - 10
30	5	5	5	5	#1 - 10 - 10 - 10 - 10

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

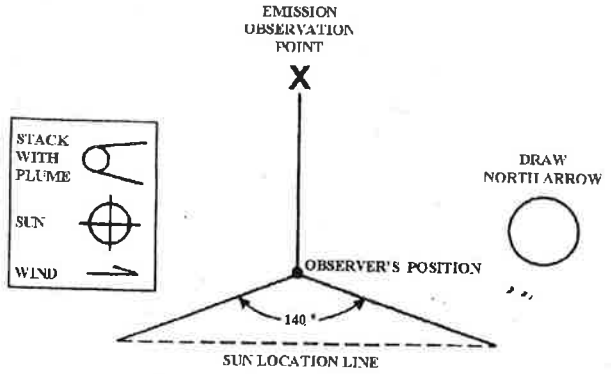
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	0831	0900

Min \ Sec	0	15	30	45	Comments
1	10	10	10	10	#1-10-10-10-10
2	10	10	10	10	10-10-10-10
3	10	10	10	10	10-10-10-10
4	10	10	10	10	10-10-10-10
5	10	5	5	5	#1-5-5-5-5
6	5	5	5	5	5-5-5-5
7	10	10	10	10	10-10-10-10
8	10	10	10	10	10-10-10-10
9	10	10	10	10	10-10-10-10
10	10	5	5	5	#1-10-10-10-10
11	5	5	5	5	10-10-10-10
12	5	5	5	5	10-10-10-10
13	5	5	5	5	10-10-10-10
14	5	5	10	10	10-10-10-10
15	10	10	10	10	#1-10-10-10-10
16	10	10	10	10	10-10-10-10
17	10	10	10	10	10-10-10-10
18	10	10	10	10	10-10-10-10
19	10	10	10	10	10-10-10-10
20	10	10	10	10	#1-10-10-15-15
21	10	10	15	15	15-15-15-15
22	15	15	10	10	15-15-15-15
23	10	10	10	10	10-10-10-10
24	10	10	10	10	10-10-10-10
25	5	5	5	5	#1-10-10-10-10
26	5	5	5	5	15-15-15-15
27	5	5	5	5	15-15-15-15
28	5	5	5	5	15-10-10-10
29	5	5	5	5	15-15-15-15
30	5	5	5	5	#1-15-15-15-15

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

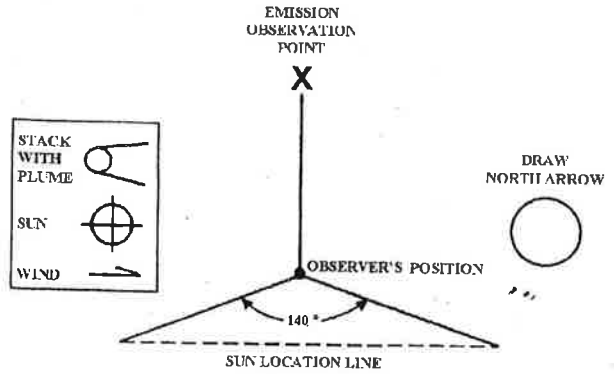
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	0901	0930

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-15-15-10-10
2	5	5	5	5	10-10-10-10
3	5	5	5	5	10-10-10-10
4	5	5	5	5	10-10-10-10
5	5	5	5	5	#1-10-10-10-10
6	5	5	5	5	10-10-10-10
7	5	5	5	5	10-10-10-10
8	5	5	5	5	10-10-10-10
9	5	5	5	5	10-10-10-10
10	5	5	5	5	#1-10-10-10-10
11	5	5	5	5	10-10-10-10
12	5	5	5	5	10-10-10-10
13	5	5	5	5	10-10-10-10
14	5	5	5	5	10-10-10-10
15	5	5	5	5	#1-10-10-10-10
16	5	5	5	5	10-10-10-5
17	5	5	5	5	5-5-5-5
18	5	5	5	5	5-5-5-5
19	5	5	5	5	5-5-5-5
20	5	5	5	5	#1-5-5-5-5
21	5	5	5	5	5-5-5-5
22	5	5	5	5	5-5-5-5
23	5	5	5	5	5-5-5-5
24	5	5	5	5	5-5-5-5
25	5	5	5	5	#1-5-5-5-5
26	5	5	5	5	5-5-5-5
27	5	5	5	5	5-5-5-5
28	5	5	5	5	5-5-5-5
29	5	5	5	5	5-5-5-5
30	5	5	5	5	#1-5-5-5-5

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
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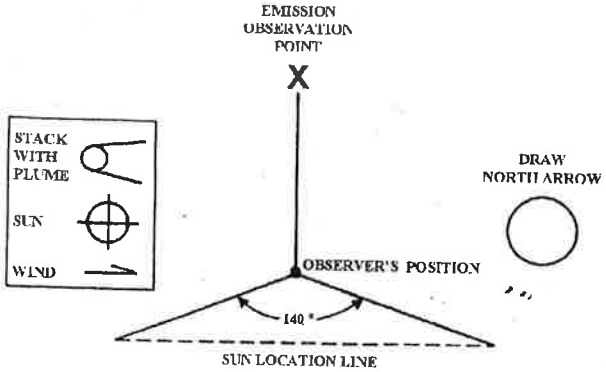
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	0931	1000

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-5-5-5-5
2	5	5	5	5	5-5-5-5
3	5	5	5	5	5-5-5-5
4	5	5	5	10	5-5-5-5
5	10	10	10	10	#1-5-5-10-10
6	10	10	10	10	10-10-10-10
7	10	10	10	10	10-10-10-10
8	10	10	10	10	10-10-10-10
9	10	10	10	10	10-10-5-5
10	10	10	10	10	#1-5-5-5-5
11	10	5	5	5	5-5-5-5
12	5	5	5	5	5-5-5-5
13	5	5	5	5	5-5-5-5
14	5	5	5	5	5-5-5-5
15	5	5	5	5	#1-5-5-5-5
16	5	5	5	5	5-10-10-10
17	5	5	5	5	10-10-10-10
18	5	5	5	5	10-15-15-20
19	5	5	5	5	20-20-20-20
20	5	5	5	5	#1-20-20-20-20
21	5	5	5	5	20-20-20-20
22	5	5	5	5	20-20-20-20
23	5	5	5	5	20-15-15-15
24	5	5	5	5	15-10-10-10
25	5	5	5	5	#1-5-5-5-5
26	5	5	5	5	5-5-5-5
27	5	5	5	5	5-5-5-5
28	5	5	5	5	5-5-5-5
29	5	5	5	5	5-5-5-5
30	5	5	5	5	#1-5-5-5-5

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

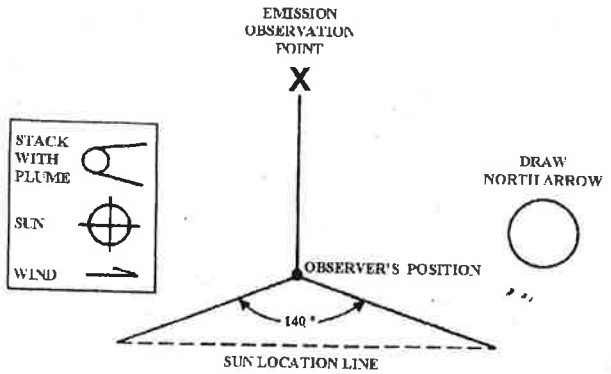
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04	1001	1030

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-5-5-5-5
2	5	5	5	5	5-5-5-5
3	5	5	5	5	5-5-5-5
4	5	5	5	5	5-5-5-5
5	5	5	5	5	#1-5-5-5-10
6	5	5	5	5	10-10-10-10
7	5	5	5	5	10-10-10-10
8	5	5	5	5	10-10-10-5
9	5	5	5	5	5-5-5-5
10	5	5	5	5	#1-5-5-5-5
11	5	5	5	5	5-5-5-5
12	5	5	5	5	5-5-5-5
13	5	5	5	5	5-5-5-5
14	5	5	5	5	5-5-5-5
15	5	5	5	5	#1-5-5-5-5
16	5	5	5	5	5-5-5-5
17	5	5	5	5	5-5-5-5
18	5	5	5	5	5-5-5-5
19	5	5	5	5	5-5-5-5
20	5	5	5	5	#1-5-5-5-5
21	5	5	5	5	5-5-5-5
22	5	5	5	5	5-5-5-5
23	5	5	5	5	5-5-5-5
24	5	5	5	5	5-5-5-5
25	5	5	5	5	#1-5-5-5-5
26	5	5	5	5	5-5-5-5
27	5	5	5	5	5-5-5-5
28	5	5	5	5	5-5-5-5
29	5	5	5	5	5-5-5-5
30	5	5	5	5	#1-5-5-5-5

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

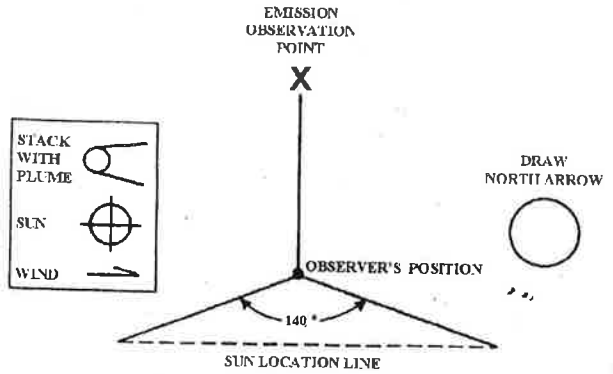
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	1031	1100

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-5-5-5-5
2	5	5	5	5	5-5-5-5
3	5	5	5	5	5-5-5-5
4	5	5	5	5	5-5-5-5
5	5	5	5	5	#1-5-5-5-5
6					Brake
7	Brake				
8					
9					
10					#1-
11					
12					
13					
14					
15					#1-
16					
17					
18					
19					Brake
20	5	5	5	5	#1-15-15-15-15
21	5	5	5	5	15-15-15-15
22	5	5	5	5	15-15-15-15
23	5	5	5	5	20-20-20-20
24	5	5	10	10	20-20-20-20
25	15	15	15	15	#1-20-20-20-20
26	15	15	15	15	15-15-15-15
27	15	15	15	15	10-10-10-10
28	10	10	10	10	10-10-10-10
29	10	10	10	10	10-10-10-10
30	10	10	10	10	#1-10-10-10-10

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

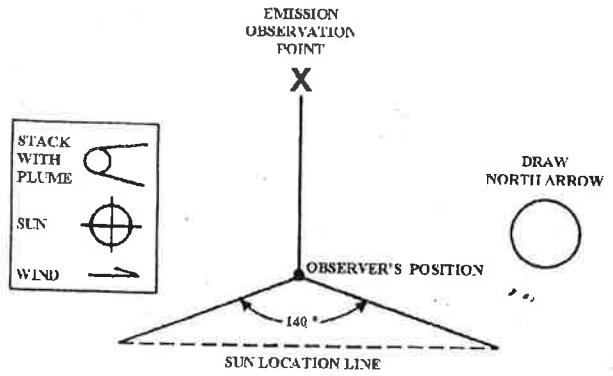
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	1101	1130

Min \ Sec	0	15	30	45	Comments
1	10	10	10	10	#1-10-10-10-10
2	10	10	10	10	10-10-10-10
3	10	10	10	10	10-10-10-10
4	10	10	10	10	10-10-10-10
5	10	10	10	10	#1-10-10-10-10
6	10	10	10	10	10-10-10-10
7	10	10	10	10	10-10-10-10
8	10	10	10	10	10-10-10-10
9	10	10	5	5	10-10-5-5
10	5	5	5	5	#1-5-5-5-5
11	5	5	5	5	5-5-5-5
12	5	5	5	5	5-5-5-5
13	5	5	10	10	5-5-5-5
14	10	10	10	10	5-5-5-5
15	10	10	10	10	#1-5-5-5-5
16	5	5	5	5	5-5-5-5
17	5	5	5	5	5-5-5-5
18	5	5	5	5	5-5-5-5
19	5	5	5	5	5-5-5-5
20	5	5	5	5	#1-5-5-5-5
21	5	5	5	5	5-5-5-5
22	5	5	5	5	5-5-5-5
23	5	5	5	5	5-5-5-5
24	5	5	5	5	5-5-5-5
25	5	5	5	5	#1-5-5-5-5
26	5	5	5	5	5-5-5-5
27	5	5	5	5	10-10-15-15
28	5	5	5	5	15-15-15-15
29	5	5	5	5	15-20-20-20
30	5	5	5	5	#1-20-20-20-20

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

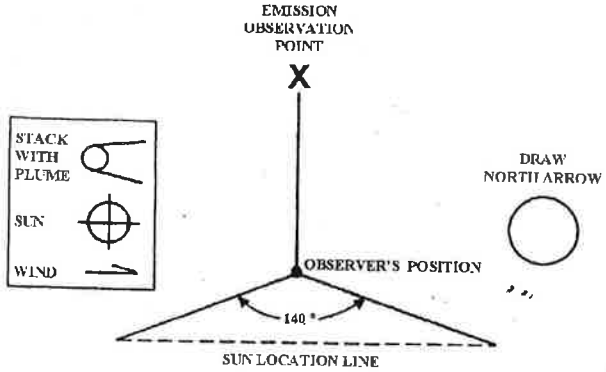
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	1131	1200

Min \ Sec	0	15	30	45	Comments
1	5	5	5	10	#1-20-20-15-15
2	10	10	10	10	15-15-10-10
3	10	10	10	10	10-10-10-10
4	10	10	10	10	10-10-10-10
5	10	10	10	10	#1-10-5-5-5
6	10	10	5	5	5-5-5-5
7	5	5	5	5	5-5-5-5
8	5	5	5	5	5-5-5-5
9	5	5	5	5	5-5-5-5
10	5	5	5	5	#1-5-5-5-5
11	5	5	5	5	5-5-5-5
12	5	5	5	5	5-5-5-5
13	5	5	5	5	5-5-5-5
14	5	5	5	5	5-5-5-5
15	5	5	5	5	#1-5-5-5-5
16	5	5	5	5	5-5-10-10
17	5	5	5	5	10-10-15-15
18	5	5	5	5	15-15-15-15
19	5	5	5	5	15-15-15-15
20	5	5	5	5	#1-15-15-15-15
21	5	5	5	5	15-15-15-15
22	5	5	5	5	15-15-10-10
23	5	5	5	5	10-10-10-10
24	5	5	5	5	5-5-5-5
25	5	5	5	5	#1-5-5-5-5
26	5	5	5	5	5-5-5-5
27	5	5	5	5	5-5-5-5
28	5	5	5	5	5-5-5-5
29	5	5	5	5	5-5-5-5
30	5	5	5	5	#1-5-5-5-5

Observer's Name (Print) Eric Gregorwis	
Observer's Signature Eric Gregorwis	Date 02-04-13
Organization	
Certified by	Date

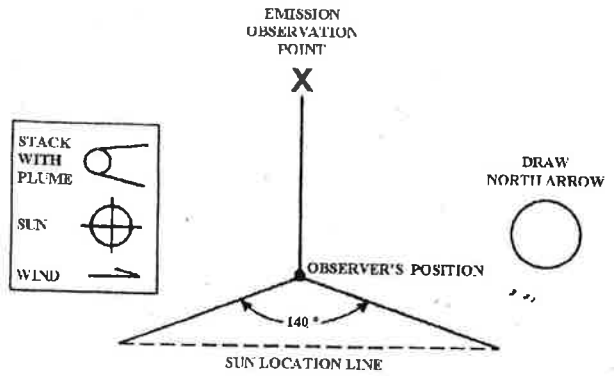
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	1201	1230

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-5-5-5-5
2	5	5	5	5	5-5-5-5
3	5	5	5	5	5-5-5-5
4	5	5	5	5	5-5-5-5
5	5	5	5	5	#1-5-5-5-5
6	5	5	5	5	5-5-5-5
7	5	5	5	5	5-5-5-5
8	5	5	5	5	5-5-5-5
9	5	5	5	5	5-5-5-5
10	5	5	5	5	#1-5-5-5-5
11	5	5	5	5	5-5-5-5
12	5	5	5	5	5-5-5-5
13	5	5	5	5	5-5-5-5
14	5	5	5	5	5-5-5-5
15	5	5	5	5	#1-5-5-5-5
16	5	5	5	5	5-5-5-5
17	5	5	5	5	5-5-5-5
18	5	5	5	5	5-5-5-5
19	5	5	5	5	5-5-5-5
20	5	5	5	5	#1-5-5-5-5
21	5	5	5	5	5-5-5-5
22	5	5	5	5	5-5-5-5
23	5	5	5	5	5-5-5-5
24	5	5	5	5	5-5-5-5
25	5	5	5	5	#1-5-10-10-10
26	5	5	5	5	5-5-5-5
27	5	5	5	5	10-10-10-10
28	5	5	5	5	10-10-10-10
29	5	5	5	5	10-10-10-10
30	5	5	5	5	#1-10-10-10-10

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

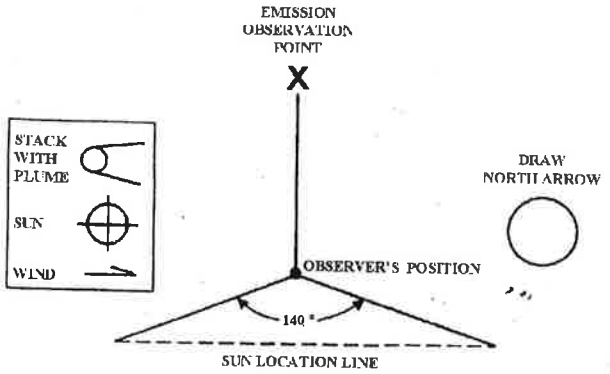
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	1231	1300

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-10-10-10-10
2	5	5	5	5	10-10-10-15
3	5	5	5	5	15-15-10-10
4	5	5	5	5	10-10-10-10
5	5	5	5	5	#1-10-10-10-10
6	5	5	5	5	10-10-10-10
7	5	5	5	5	10-10-10-10
8	5	5	5	5	10-10-10-10
9	5	5	5	5	10-10-10-10
10	5	5	5	5	#1-10-10-10-10
11	5	5	5	5	10-10-10-10
12	5	5	5	5	10-10-10-10
13	5	5	5	5	10-10-10-10
14	5	5	5	5	10-10-10-10
15	5	5	5	5	#1-10-10-10-10
16	5	5	5	5	10-10-10-5
17	5	5	5	5	5-5-5-5
18	10	10	10	10	5-5-5-5
19	10	10	10	10	5-5-5-5
20	10	10	10	10	#1-5-10-10-10
21	10	10	10	10	10-10-10-15
22	10	10	10	10	15-15-15-15
23	10	10	10	10	15-15-15-15
24	10	10	10	10	15-15-15-15
25	15	15	15	15	#1-15-15-15-15
26	15	15	15	15	15-15-15-15
27	15	15	15	15	15-15-15-15
28	10	10	10	10	10-10-10-10
29	10	10	10	10	10-10-10-10
30	5	5	5	5	#1-5-5-5-5

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

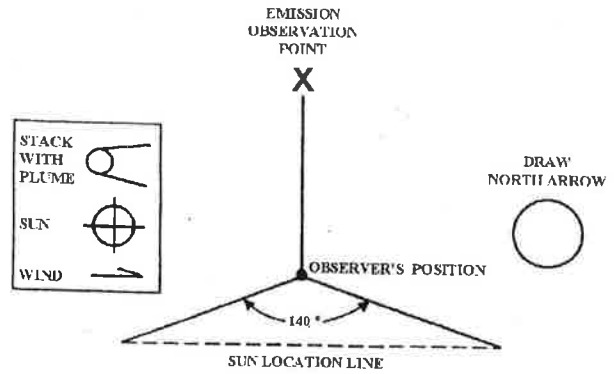
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-04-13	1301	1330

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-5-5-5-5
2	5	5	5	5	5-5-5-5
3	5	5	5	5	5-5-5-5
4	5	5	5	5	5-5-5-5
5	5	5	5	5	#1-5-5-5-5
6	5	5	5	5	5-5-5-5
7	5	5	5	5	5-5-5-5
8	5	5	5	5	5-5-5-5
9	5	10	10	10	5-5-5-5
10	10	10	10	10	#1-5-5-5-5
11	10	10	10	10	10-10-5-5
12	10	10	10	10	5-5-5-10
13	10	10	10	10	10-10-10-10
14	10	10	10	10	10-10-10-10
15	10	10	10	10	#1-10-10-10-10
16	10	10	10	5	10-10-10-10
17	5	5	5	5	10-10-10-10
18	5	5	5	5	10-10-10-10
19	5	5	5	5	10-10-10-10
20	5	5	5	5	#1-10-10-10-10
21	5	5	5	5	10-5-5-5
22	5	5	5	5	5-5-5-5
23	5	5	5	5	5-5-5-5
24	5	5	5	5	5-5-5-5
25	5	5	5	5	#1-5-10-10-10
26	5	10	10	10	10-10-5-5
27	5	5	5	5	5-5-5-5
28	5	5	5	5	5-5-5-5
29	5	5	10	10	5-5-5-5
30	10	10	10	10	#1-5-5-5-5

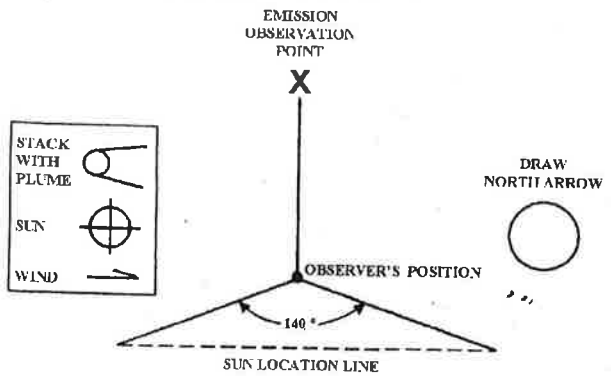
Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	1331	1400

Min \ Sec	0	15	30	45	Comments
1	10	10	10	10	#1-5-5-10-10
2	5	5	5	5	10-10-15-15
3	5	5	5	5	15-15-15-15
4	5	5	5	5	15-15-15-15
5	5	5	5	5	#1-15-15-15-15
6	5	5	5	5	10-10-10-10
7	5	5	5	5	5-5-5-5
8	5	5	5	5	5-5-5-5
9	5	5	5	5	5-5-5-5
10	5	5	5	5	#1-5-5-5-5
11	5	5	5	5	5-5-5-5
12	5	5	5	5	5-5-5-5
13	5	5	5	5	5-5-5-5
14	5	5	5	5	5-5-5-5
15	5	5	5	5	#1-5-5-5-5
16	5	5	5	5	5-5-5-5
17	5	10	10	10	5-5-5-5
18	10	10	10	10	5-5-5-5
19	10	10	10	10	5-5-5-5
20	10	10	5	5	#1-5-5-5-5
21	5	5	5	5	5-5-5-5
22	5	5	5	5	5-5-5-5
23	10	10	10	10	5-5-5-5
24	10	10	10	10	5-5-5-5
25	10	10	10	10	#1-5-5-5-5
26	10	10	10	5	5-5-5-5
27	5	5	5	5	5-5-5-5
28	5	5	5	5	5-5-5-5
29	5	5	5	5	5-5-5-5
30	5	5	5	5	#1-5-5-5-5

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

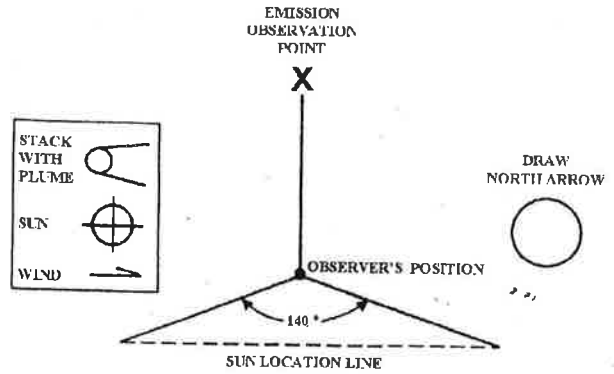
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	1500	1530

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-10-10-10-10
2	5	5	5	5	10-10-5-5
3	5	5	5	5	5-5-5-5
4	5	5	5	5	5-5-5-5
5	5	5	5	5	#1-5-5-5-5
6	5	5	5	5	5-5-5-5
7	5	5	5	5	5-5-5-5
8	5	5	5	5	5-5-5-5
9	5	5	5	5	5-5-5-5
10	5	10	10	10	#1-5-5-5-5
11	10	10	10	10	5-5-5-5
12	10	10	10	10	5-5-5-5
13	10	10	10	10	5-5-5-10
14	10	10	10	10	10-10-10-10
15	10	10	10	10	#1-10-15-15-15
16	10	10	10	10	15-15-15-15
17	10	10	10	10	15-15-15-15
18	10	10	10	10	15-15-15-15
19	10	10	10	10	15-15-15-15
20	10	10	10	10	#1-15-15-10-10
21	10	10	5	5	10-10-10-10
22	5	5	5	5	10-10-10-5
23	5	5	5	5	5-5-5-5
24	5	5	5	5	5-5-5-5
25	5	5	5	5	#1-5-5-5-5
26	5	5	5	5	5-5-5-5
27	5	5	5	5	5-5-5-5
28	5	5	5	5	5-5-5-5
29	5	5	5	5	5-5-5-5
30	5	5	5	5	#1-5-5-5-5

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

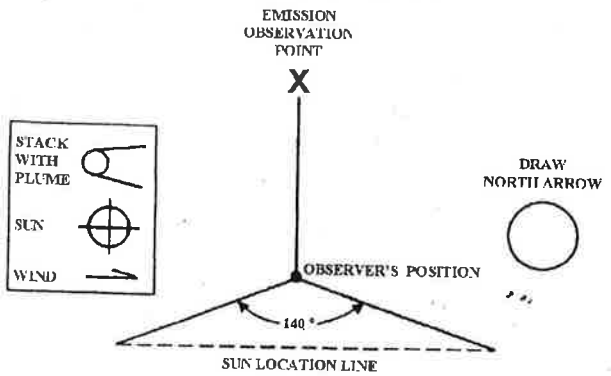
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	1531	1600

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-5-5-5-5
2	5	5	5	5	5-5-5-5
3	5	5	5	5	5-5-5-5
4	5	5	5	5	5-5-5-5
5	5	5	5	5	#1-5-5-5-5
6	5	5	5	5	5-5-5-5
7	5	5	5	5	5-5-5-5
8	5	5	5	5	5-5-5-5
9	5	5	5	5	5-5-5-5
10	5	5	5	5	#1-5-5-5-5
11	5	5	5	5	5-5-5-5
12	5	5	5	5	5-5-5-5
13	5	5	5	5	5-5-5-5
14	5	5	5	5	5-5-5-10
15	5	5	5	5	#1-10-5-5-5
16	5	5	5	5	5-5-5-5
17	5	5	5	5	5-5-5-10
18	5	5	5	5	10-10-10-10
19	5	5	5	5	10-10-10-10
20	5	5	5	5	#1-10-10-15-15
21	5	5	5	5	15-15-15-15
22	5	5	5	5	15-15-15-15
23	5	5	5	5	15-15-15-20
24	5	5	5	5	20-20-20-20
25	5	5	5	5	#1 20-20-20-20
26	5	5	5	5	20-20-20-20
27	5	5	5	5	20-20-20-20
28	5	5	5	5	15-15-15-15
29	5	5	5	5	15-15-15-15
30	5	5	5	5	#1 15-15-15-15

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

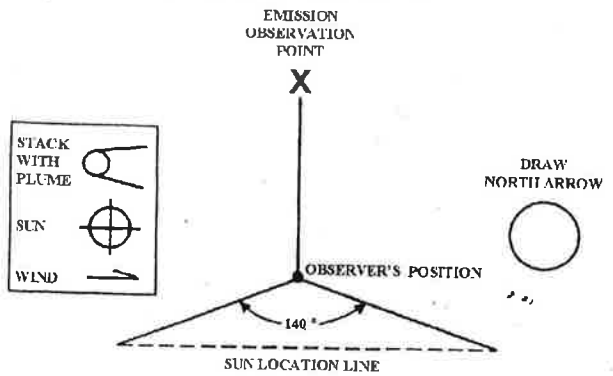
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	1600	1630

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-15-15-10-10
2	5	5	5	5	10-10-10-10
3	5	5	5	5	10-10-10-10
4	5	5	5	5	10-10-10-10
5	5	5	5	5	#1-10-15-15-10
6	5	5	5	5	10-10-10-10
7	5	5	5	5	10-10-10-10
8	5	10	10	5	10-10-10-10
9	5	5	5	5	10-10-5-5
10	5	5	5	5	#1-5-5-5-5
11	10	10	10	10	5-5-5-5
12	10	10	10	5	5-5-5-5
13	5	5	5	5	5-5-5-5
14	5	5	5	5	5-5-5-5
15	5	5	5	5	#1-5-5-5-5
16	5	5	5	5	5-5-5-5
17	5	5	5	5	5-5-5-5
18	5	5	5	5	5-5-5-5
19	5	5	5	5	5-5-5-10
20	5	5	5	5	#1-10-10-10-10
21	5	5	5	5	10-10-10-10
22	5	5	5	5	10-10-10-10
23	5	5	5	5	10-10-10-10
24	5	5	5	5	10-10-10-10
25	5	5	5	5	#1-15-15-15-15
26	5	5	5	5	15-15-15-15
27	5	5	5	10	15-15-15-15
28	10	10	5	5	15-15-15-15
29	5	5	5	5	15-15-15-15
30	5	5	5	5	#1-15-15-15-15

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

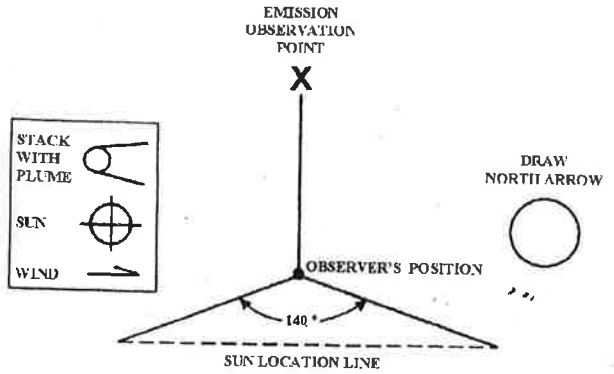
Additional Information

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
Distance to Emission Point Start End	Direction to Emission Point Start End	
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Additional Information

Observation Date	Start Time	End Time
02-04-13	1631	1700

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-15-15-15-15
2	5	5	5	5	15-15-15-10
3	5	5	5	5	10-10-10-10
4	5	5	5	5	10-10-10-10
5	5	5	5	5	#1-10-10-10-10
6	5	5	5	5	10-5-5-5
7	5	5	5	5	5-5-5-5
8	5	5	5	5	5-5-5-5
9	5	5	5	5	5-5-5-5
10	5	5	5	5	#1-5-5-5-5
11	5	5	5	5	5-5-5-5
12	5	5	5	5	5-5-5-5
13	5	5	5	5	5-5-5-5
14	5	5	5	5	10-10-10-10
15	5	5	5	5	#1-10-10-10-10
16	5	5	5	5	15-15-15-15
17	5	5	5	5	10-10-10-15
18	5	5	5	5	15-15-15-15
19	5	5	5	5	15-15-15-15
20	5	5	5	5	#1-15-10-10-10
21	5	5	5	5	10-10-10-10
22	5	5	5	10	10-10-10-5
23	10	10	10	10	5-5-5-5
24	10	10	10	10	5-5-5-5
25	5	5	5	5	#1-5-5-5-5
26	5	5	5	5	5-5-5-5
27	5	5	5	5	5-5-5-5
28	5	5	5	5	5-5-5-5
29	5	5	5	5	5-5-5-5
30	5	5	5	5	#1-5-5-5-5

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

Continue on reverse side

VISIBLE EMISSION OBSERVATION FORM

Company Name		
Location		
City	State	Zip
Process Equipment		Operating Mode
Control Equipment		Operating Mode
Describe Emission Point		
Height of Emission Point	Height Relative to Observer Start End	
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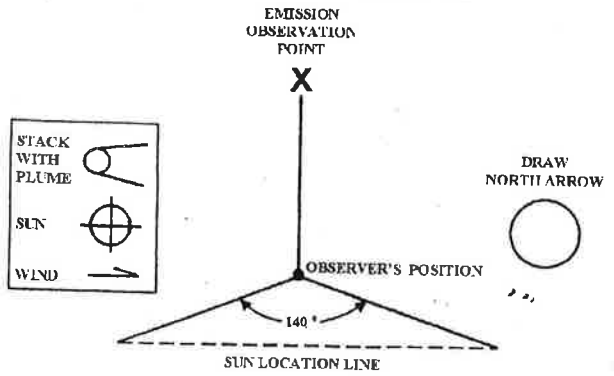
Vertical Angle to Observation Pt. Start End	Direction to Observation Point Start End	
Describe Emissions Start End		
Emission Color Start End	If Water Droplet Plume (Circle) Attached Detached N/A	
Point In The Plume At Which Opacity Was Determined Start End		
Describe Plume Background Start End		
Background Color Start End	Sky Condition Start End	
Wind Speed Start End	Wind Direction Start End	
Ambient Temp Start End	Wet Bulb Temp	RH Percent

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
02-04-13	1701	1730

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	#1-5-5-5-5
2	5	5	5	5	5-5-5-5
3	5	5	5	5	5-5-10-10
4	5	5	5	5	10-10-10-10
5	5	5	5	5	#1-15-15-15-15
6	5	5	5	5	15-15-15-15
7	5	5	5	5	15-15-15-15
8	5	5	5	5	15-10-10-10
9	5	10	10	10	5-5-5-5
10	10	5	5	5	#1-5-10-10-10
11	10	10	10	10	10-10-10-10
12	10	10	10	10	10-10-10-10
13	10	10	10	10	10-10-10-10
14	10	15	15	15	10-10-10-10
15	15	15	15	15	#1-10-10-10-10
16	15	15	10	10	10-15-15-15
17	10	10	10	10	15-15-15-15
18	10	10	10	10	15-15-15-15
19	10	10	10	15	15-15-15-15
20	15	15	15	15	#1-15-15-15-15
21	15	15	15	15	15-15-15-15
22	15	15	15	15	15-15-15-15
23	10	10	10	10	15-15-15-15
24	10	10	10	10	15-15-15-15
25	10	10	10	10	#1-15-15-15-15
26	10	10	10	10	15-15-15-15
27	10	10	10	10	15-15-15-15
28	15	5	5	10	15-15-15-15
29	10	5	5	5	10-10-10-10
30	10	10	10	10	#1-10-10-10-10

Observer's Name (Print) Eric Gregorius	
Observer's Signature Eric Gregorius	Date 02-04-13
Organization	
Certified by	Date

Additional Information

Continue on reverse side