OMAK WOOD PRODUCTS

POWERHOUSE
BOILER

DATE	SCRUBBER PRESSURE DROP	MULTICONE PRESSURE DROP	O^2 PERCENT
12:00 AM	7.9	1.3	
1:00 AM	7.8	1.5	
2:00 AM	7.4	1.4	
3:00 AM	7.6	1.3	
4:00 AM	6.5	1.1	
5:00 AM	6.6	1.2	
6:00 AM	6.2	1.0	
7:00 AM	7.0	1.3	
8:00 AM	10.8	2.8	
9:00 AM	6.5	1.1	
10:00 AM	8.2	1.6	
11:00 AM	6.4	1.1	
12:00 PM	7.9	1.6	
1:00 PM	7.8	1.5	
2:00 PM	6.5	1.1	
3:00 PM	6.2	1.1	
4:00 PM	9.1	1.9	
5:00 PM	7.3	1.4	
6:00 PM	7.1	1.3	
7:00 PM	7.0	1.2	
8:00 PM	7.1	1.2	
9:00 PM	7.2	1.3	
10:00 PM	6.9	1.2	
11:00 PM	6.9	1.2	

OMAK WOOD PRODUCTS

POWERHOUSE
BOILER

DATE	SCRUBBER PRESSURE DROP	MULTICONE PRESSURE DROP	O^2 PERCENT
12:00 AM	1.9	1.2	
1:00 AM	2.4	1.3	
2:00 AM	2.1	1.3	
3:00 AM	1.4	1.1	
4:00 AM	3.2	1.7	
5:00 AM	2.1	1.3	
6:00 AM	2.1	1.2	
7:00 AM	2.4	1.3	
8:00 AM	3.9	1.6	
9:00 AM	7.9	1.5	
10:00 AM	7.0	1.3	
11:00 AM	6.8	1.3	
12:00 PM	6.7	1.1	
1:00 PM	7.4	1.4	
2:00 PM	6.1	1.0	
3:00 PM	6.4	1.0	
4:00 PM	6.8	1.2	
5:00 PM	6.0	1.1	
6:00 PM	6.8	1.3	
7:00 PM	6.6	1.1	
8:00 PM	6.4	1.0	
9:00 PM	6.6	1.1	
10:00 PM	6.2	1.0	
11:00 PM	8.1	1.4	

VISIBLE EMISSION OBSERVATION FORM

SOURCE INFORMATION	
Company Name	OMAK WOOD PRODUCTS
Address	1100 E 8TH AVE OMAK, WA 98841
Phone #	509.322.7518
Source Description	BOILER
I.D. #	1
Operating Mode / Output Rate	RUNNING 40000
Control Equipment	WET SCRUBBER
Operating Mode	

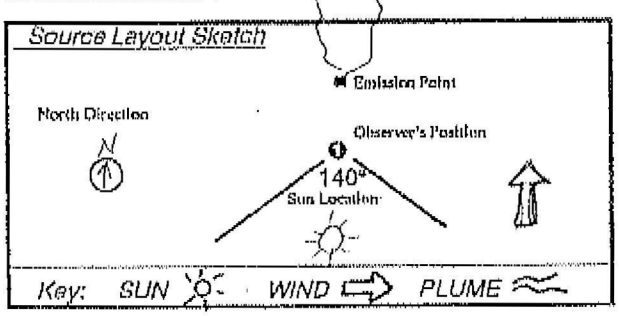
PLUME INFORMATION	@ START	@ END
Emission Point Description	STACK	
Height Above Ground	50'	
Height Relative to Observer	50'	
Distance from Observer	200yd	
Direction from Observer	N	
Plume Type : Continuous	✓	
: Intermittent		
: Fugitive		
Plume Color	WHITE	
Water Droplets Present?	NO	
: Attached Plume?	✓	
: Detached Plume?		
Point in the Plume at which Opacity was Observed	Beg.	
Description of Background	SKY	
Color of Background	BLUE	
Condition of Sky	Mostly Sunny	
Wind Speed (MPH)	6	
Wind Direction (from)	S	
Ambient Temperature (°F)	46°	
Relative Humidity	76%	

OBSERVATION RECORD

DATE 11.13.13 | TIME Start 11:45am | End 11:18am

Min	Seconds 0	15	30	45
1	0	5	5	0
2	5	5	10	0
3	0	5	5	10
4	10	10	10	5
5	10	10	5	5
6	0	0	0	0
7	5	15	10	0
8	0	5	5	5
9	0	0	5	5
10	5	10	5	0
11	10	10	10	5
12	20	20	15	10
13	10	10	5	5
14	5	5	5	0
15	10	10	5	10
16	5	10	10	5
17	5	0	0	5
18	5	5	5	0
19	10	15	10	10
20	5	5	10	5
21	10	5	10	15
22	10	15	20	15
23	15	20	20	15
24	10	5	5	10
25	10	10	15	20
26	15	25	45	40
27	30	30	35	45
28	20	20	15	10
29	10	10	15	15
30	10	5	5	5
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				

Source Layout Sketch



Range of Opacity Readings	Maximum	0 %
	Minimum	45 %
Number of Readings Above 20 %		7
Average Opacity for 120 Readings =		9.375%

Observer's Name (print) CONNIE CHANEY

Organization: OMAK WOOD PRODUCTS

Certified By: SMOKE SCHOOL INC. Date 9.29.13

Observer's signature Date 11.13.13

Comments

RP 1/94