OMAK WOOD PRODUCTS

POWERHOUSE
BOILER

DATE 11-6-13	SCRUBBER PRESSURE DROP	MULTICONE PRESSURE DROP colector	O^2 PERCENT
12:00 AM	1.1	1.3	
1:00 AM	0.5	1.0	
2:00 AM	1.4	1.3	
3:00 AM	0.9	1.2	
4:00 AM	1.4	1.1	
5:00 AM	0.9	1.0	
6:00 AM	2.1	1.5	
7:00 AM	1.1	1.0	
8:00 AM	.7	1.0	
9:00 AM	1.8	1.3	
10:00 AM	2.4	1.5	
11:00 AM	2.0	1.5	
12:00 PM	2.8	1.7	
1:00 PM	2.9	1.8	
2:00 PM	4.0	2.2	
3:00 PM	2.5	1.5	
4:00 PM	2.3	1.3	
5:00 PM	2.4	1.5	
6:00 PM	1.6	1.1	
7:00 PM	2.0	1.3	
8:00 PM	2.5	1.4	
9:00 PM	1.3	1.1	
10:00 PM	1.0	1.2	
11:00 PM	1.2	1.1	

VISIBLE EMISSION OBSERVATION FORM

SOURCE INFORMATION

Company Name: OMAK WOOD PRODUCTS

Address: 1100 E 8TH AVE
OMAK, WA 98841

Phone #: 509-322-7348

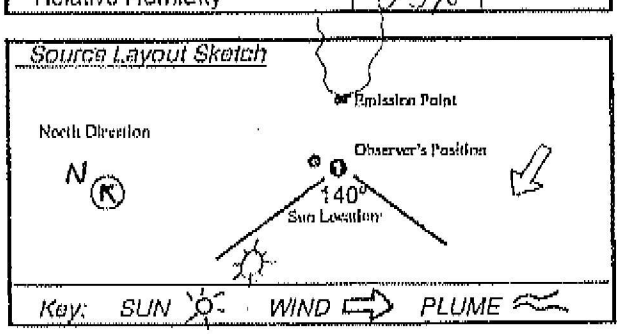
Source Description: BOILER — I.D. #: 1

Operating Mode / Output Rate: RUNNING 40,000

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	170 yds	
Direction from Observer	NE	
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	Beginning	
Description of Background	SKY/HILL	
Color of Background	GRY/BRN	
Condition of Sky	CLOUDY	
Wind Speed (MPH)	6	
Wind Direction (from)	SW	
Ambient Temperature (°F)	34°	
Relative Humidity	93%	

Source Layout Sketch



Key: SUN ☼ WIND ⇨ PLUME ≈

Comments

OBSERVATION RECORD

DATE 11.7.13 | TIME | Start 2:03 PM | End 2:39 PM

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

Range of Opacity Readings	Maximum	0 %
	Minimum	20 %
Number of Readings Above 20 %		0
Average Opacity for 120 Readings =		6.041 %

Observer's Name (print): CONNIE CHANEY

Organization: OMAK WOOD PRODUCTS, INC.

Certified By: SMOKE SCHOOL INC. — Date 9.24.13

Observer's signature: [signature] — Date 11.7.13

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