

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 705

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
1a	Piping Equipment Fugitives (4)	VOC (Creosote)	0.345	1.510
		VOC (Naphtha)	1.100	4.840
		VOC (No. 6 Oil)	0.609	2.670
1b	Cylinder Fugitives (4)	VOC (Creosote)	0.0195	0.0040
		VOC (No. 6 Oil)	0.0800	0.0160
2a	Vacuum Pump Vent Stack	VOC (Creosote)	0.00001	0.00004
		VOC (Naphtha)	0.08959	0.39243
		VOC (No.6 Oil)	0.00004	0.00016
2b	Naphtha Storage Tanks No. 1, 2, 3, 4, 5, 6 Vent Stack	VOC (Naphtha)	9.89	2.01
2c	No. 6 Oil Storage Tank A Vent Stack	VOC (No. 6 Oil)	11.80	1.50
2d	Creosote Storage Tank B Vent Stack	VOC (Creosote)	1.21	0.60
2e	Treating Mixture Storage Tank C Vent Stack	VOC (Creosote)	5.65	0.10
		VOC (No. 6 Oil)	23.00	0.40
2f	Treating Mixture Storage Tank D Vent Stack	VOC (Creosote)	5.65	0.10
		VOC (No.6 Oil)	23.00	0.40
2g	Treating Mixture Storage Tank E Vent Stack	VOC (Creosote)	5.65	0.10
		VOC (No. 6 Oil)	23.00	0.40
2h	Treating Mixture Storage Tank F Vent Stack	VOC (Creosote)	5.65	0.10
		VOC (No. 6 Oil)	23.00	0.40

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23	Boiler No. 1 (Murray) Stack	PM <sub>10</sub>	0.291	0.0509
		SO <sub>2</sub>	0.013	0.0022
		NO <sub>x</sub>	2.975	0.5206
		CO	0.744	0.1302
		VOC	0.060	0.0104

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
25	Wood Waste Cyclone Stack	TSP	1.009	4.421
		PM <sub>10</sub>	0.005	2.211
26	Wood Waste Cyclone Stack	TSP	4.037	8.84
		PM <sub>10</sub>	2.018	4.42
27	Wood Waste Cyclone Stack	TSP	4.037	8.84
		PM <sub>10</sub>	2.018	4.42
31	Wood Waste Cyclone Stack	TSP	1.009	4.421
		PM <sub>10</sub>	0.005	2.211
32	Wood Waste Cyclone Stack	TSP	4.037	17.683
		PM <sub>10</sub>	2.018	8.842
34	Wood Waste Cyclone Stack	TSP	5.046	22.10
		PM <sub>10</sub>	2.520	11.10
35	Boiler No. 2 (Keeler) Stack	PM <sub>10</sub>	14.28	62.56
		SO <sub>2</sub>	0.13	0.58
		NO <sub>x</sub>	5.36	23.48
		CO	22.37	97.97
		VOC	1.67	1.82
36	Wood Waste Cyclone Stack	TSP	1.009	4.421
		PM <sub>10</sub>	0.005	2.211
37	Gasoline Storage Tank Fugitives (4)	VOC		1.46

38	Diesel Storage Tank Fugitives (4)	VOC	0.021
39	Gasoline Storage Tank Fugitives (4)	VOC	0.007

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources use area name or fugitive source name.

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#### EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (3) TSP - total suspended particulate matter  
PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
SO<sub>2</sub> - sulfur dioxide  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in General Rule 101.1

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule and maximum production limits:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,736

1,647 cylinder loads per year

100,670 tons of raw timber treated per year

Dated \_\_\_\_\_

