

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6729

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) <u>tn/yr</u>	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			lb/hr	
01	Dry Kiln 1 (26.5 MMBtu/hr)	PM	4.6	13.3
		PM <sub>10</sub>	4.6	13.3
		NO <sub>x</sub>	5.3	15.1
		SO <sub>2</sub>	0.2	0.6
		CO	5.6	16.1
		VOC	23.3	100.1
02	Dry Kiln 2 (26.5 MMBtu/hr)	PM	4.6	13.3
		PM <sub>10</sub>	4.6	13.3
		NO <sub>x</sub>	5.3	15.1
		SO <sub>2</sub>	0.2	0.6
		CO	5.6	16.1
		VOC	23.3	100.1
03	Fuel Cyclone	PM	2.0	8.8
		PM <sub>10</sub>	1.5	6.5
04	No. 1 Chip Cyclone	PM	0.2	0.9
		PM <sub>10</sub>	0.16	0.7
05	No. 2 Chip Cyclone	PM	0.2	0.9
		PM <sub>10</sub>	0.16	0.7
06	Trim Hog Cyclone	PM	2.0	8.8
		PM <sub>10</sub>	1.2	5.3
08	Shavings Cyclone	PM	12.0	52.6
		PM <sub>10</sub>	7.8	34.2

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lb/hr	
<u>ton/yr</u>				
09	Planer Building	PM	7.0	30.7
		PM <sub>10</sub>	5.6	24.5
10	Log Sawing	PM	4.38	7.18
		PM <sub>10</sub>	1.31	2.15
11	Debarker	PM	0.6	0.98
		PM <sub>10</sub>	0.18	0.30
12	Chip Loading	PM	0.10	0.07
		PM <sub>10</sub>	0.05	0.03
13	Bark Truck Loading	PM	0.05	0.04
		PM <sub>10</sub>	0.03	0.02
14	Shaving Truck Loading	PM	0.05	0.02
		PM <sub>10</sub>	0.03	0.01
15	Sawdust Truck Loading	PM	0.07	0.09
		PM <sub>10</sub>	0.03	0.04
16	Haul Roads (4)	PM		0.38
		PM <sub>10</sub>		0.17
17	Sawmill Transfer Points	PM	0.90	1.40
		PM <sub>10</sub>	0.42	0.66

- (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.  
 (3) PM - particulate matter  
     PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
 VOC - volatile organic compounds as defined in General Rule 101.1  
 NO<sub>x</sub> - total oxides of nitrogen

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SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide

(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:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated \_\_\_\_\_