

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

<u>Emission Rates*</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>tons/yr</u>				
01	Dry Kiln 1 (26.5 MMBtu/hr) (5)	PM ₁₀	4.6	13.3
		NO _x	5.3	15.1
		SO ₂	0.2	0.6
		CO	5.6	16.1
		VOC	23.3	100.1
02	Dry Kiln 2 (26.5 MMBtu/hr) (5)	PM ₁₀	4.6	13.3
		NO _x	5.3	15.1
		SO ₂	0.2	0.6
		CO	5.6	16.1
		VOC	23.3	100.1
03	Fuel Cyclone	PM	2.0	8.8
		PM ₁₀	1.5	6.5
04	No. 1 Chip Cyclone	PM	0.2	0.9
		PM ₁₀	0.16	0.7
05	No. 2 Chip Cyclone	PM	0.2	0.9
		PM ₁₀	0.16	0.7
06	Trim Hog Cyclone	PM	2.0	8.8
		PM ₁₀	1.2	5.3
07	Dry Kiln 3 (27 MMBtu/hr) (5)	PM ₁₀	4.7	16.9
		NO _x	5.4	19.3
		SO ₂	0.2	0.8
		CO	5.7	20.5
		VOC	30.5	127.7

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<u>Emission Rates*</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>tons/yr</u>				
08	Shavings Cyclone	PM	12.0	52.6
		PM ₁₀	7.8	34.2
09	Planer Building	PM	7.0	30.7
		PM ₁₀	5.6	24.5
10	Log Sawing	PM	4.69	8.13
		PM ₁₀	1.41	2.44
11	Debarker	PM	0.64	1.12
		PM ₁₀	0.19	0.33
12	Chip Loading	PM	0.10	0.07
		PM ₁₀	0.05	0.03
13	Bark Truck Loading	PM	0.05	0.04
		PM ₁₀	0.03	0.02
14	Shaving Truck Loading	PM	0.05	0.02
		PM ₁₀	0.03	0.01
15	Sawdust Truck Loading		PM	0.13
	0.11	PM ₁₀	0.06	0.05
16	Haul Roads (4)	PM		2.38
		PM ₁₀		1.07
17	Sawmill Transfer Points		PM	0.90
	1.42	PM ₁₀	0.42	0.67
18	No. 2 Fuel Bin Cyclone		PM	2.00
	8.8			

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PM₁₀ 1.5 6.5

- (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, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

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.
- (5) Rates are averaged over kiln cycle time.

* 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

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Dated_____