

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 7286 and PSD-TX-892

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)	Emission Rates	
			lb/hr	TPY
BOILER-1	Bark Boiler Scrubber Stack 78.8		NO _x	18.0
		SO ₂	1.81	7.95
		CO	101	441
		PM ₁₀	9.47	41.5
		VOC	7.96	34.9
PLANER-1	Planer Mill Cyclone	PM	14.4	63.1
		PM ₁₀	14.4	63.1
KILN-1	Wood Drying Kiln No. 1 (a)		VOC	61.6
KILN-2	Wood Drying Kiln No. 2 (a)		VOC	61.6
KILN-3	Wood Drying Kiln No. 3 (a)		VOC	30.8
	Total Wood Drying Kilns (a) 468		VOC	
DEBARK-1	Log Debarker (b)	PM	0.56	1.00
		PM ₁₀	0.17	0.30
SAW-1	Cutup Saws (c)	PM	4.10	7.30
		PM ₁₀	1.22	2.19
CHIPBIN-1	Truck Loadout (d)	PM	0.07	0.03
		PM ₁₀	0.03	0.02

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			lb/hr	TPY
CHIPBIN-2	Truck Loadout (e)	PM	0.087	0.07
		PM ₁₀	0.041	0.04
CHIPBIN-3	Truck Loadout (f)	PM	0.029	0.02
		PM ₁₀	0.014	0.01
TP-FUG	Transfer Point Fugitives (4) 0.42	PM		0.16
		PM ₁₀	0.08	0.21
HR-FUG	Haul Road Fugitives (4)	PM	2.76	2.93
		PM ₁₀	1.24	1.32

(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) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

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.

(4) Fugitive emissions are an estimate only.

* Emission rates are based on and the facilities are limited by a maximum operating schedule of 8,760 hours per year and the following throughputs:

(a) Lumber Kiln Capacity 22.0 MBF/hour

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
<u>180,000</u>	<u>MBF/year</u>			
(b)	Log Process Rate	<u>232</u>	<u>tons/hour</u>	<u>834,500</u>
<u>tons/year</u>				
(c)	Sawing Operations	<u>50</u>	<u>MBF/hour</u>	<u>180,000</u>
<u>MBF/year</u>				
(d)	Chip Bin No. 1 Loadouts		<u>50</u>	<u>tons/hour</u>
<u>43,200</u>	<u>tons/year</u>			
(e)	Chip Bin No. 2 Loadouts		<u>171</u>	<u>tons/hour</u>
<u>264,600</u>	<u>tons/year</u>			
(f)	Chip Bin No. 3 Loadouts		<u>57</u>	<u>tons/hour</u>
<u>65,000</u>	<u>tons/year</u>			

Dated _____