

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

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Permit Number 22521

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
EP-1	Cut-Up Saw	PM	3.00	5.10
		PM ₁₀	1.70	2.90
EP-2	Debarker	PM	3.00	5.10
		PM ₁₀	1.70	2.90
EP-3	Sawmill	PM	5.30	9.00
		PM ₁₀	3.00	5.10
EP-4	Sorter and Stacker	PM	0.20	0.30
		PM ₁₀	0.10	0.10
EP-5	Planer Mill Fugitives (4)	PM	1.50	6.60
		PM ₁₀	0.90	4.10
EP-5.1	Planner Mill Cyclone	PM	0.90	4.00
		PM ₁₀	0.90	4.00
EP-6	Fuel Storage Silos Fug (4)	PM	0.02	0.1

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
		PM ₁₀	0.01	0.1
EP-7	Open Storage Chip Piles and Bark Piles (4)	PM	4.10	6.90
		PM ₁₀	1.40	2.30
EP-8	Log Vehicle Traffic (4)	PM	4.90	4.90
		PM ₁₀	0.50	0.50
EP-9	Sawmill Green Bin Cyclone	PM	0.90	4.00
		PM ₁₀ 0.90	4.00	
EP-10.1	Boiler Unit Two Stack w/Cyclone Separator	PM	3.36	14.80
		PM ₁₀	3.36	14.80
		VOC	0.41	1.80
		NO _x	5.28	23.20
		SO ₂	0.60	2.70
		CO	6.96	30.50
EP-11.1	Boiler Unit One w/Multi-Cyclone Separator	PM	4.88	21.40
		PM ₁₀	4.88	21.40
		VOC	0.49	2.20
		NO _x	7.47	32.80
		SO ₂	0.72	3.20
		CO	6.32	27.70
EP-11.2 and EP-10.2 **	Kiln Unit One and Kiln Unit Two	PM ₁₀	0.20	0.60
		VOC	54.30	210.00
		CH ₃ OH	3.30	12.60
		HCHO	0.30	1.00
Tanks 1-5	Oil Storage Tanks	VOC	<0.01	<0.01
Tank 6	Diesel Tank	VOC	0.52	<0.01
PC-1	Parts Cleaner	VOC	3.50	0.20

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- (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 PM greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
CH₃OH - methanol
HCHO - formaldehyde
- (4) Fugitive emissions are an estimate only.

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

_____ Hrs/day ____ Days/week ____ Weeks/year or 8,760 Hrs/year

A total maximum annual lumber production limit of 120,000,000 board feet.

- ** Emissions based on 50%/50%, 70%/30%, and 30%/70% productions splits among Kiln 1 and Kiln 2.

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Dated May 7, 2007