

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 31597

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**
1	Cut-off Saw (4)	PM	11.67	13.13
		PM ₁₀	6.67	7.50
2	Debarker (4)	PM	0.80	0.90
		PM ₁₀	0.37	0.41
3	Bark Loading (4)	PM	0.70	0.78
		PM ₁₀	0.25	0.28
4	Head-rig Saw (4)	PM	0.56	0.63
		PM ₁₀	0.32	0.36
5	Scragg Saw (4)	PM	5.60	6.30
		PM ₁₀	3.20	3.60
6	Gang Saw (4)	PM	0.50	0.56
		PM ₁₀	0.29	0.32
7	Trim Saw (4)	PM	0.50	0.56
		PM ₁₀	0.29	0.32
8	Chip Operation (4)	PM	0.02	0.02
		PM ₁₀	0.01	0.10
9	Conveyor Transfer (4)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
10	Chip Loadout (4)	PM	0.15	0.17
		PM ₁₀	0.05	0.06
11	Chip Operation (4)	PM	0.02	0.02
		PM ₁₀	0.01	0.10

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12	Chip Loadout (4)	PM	0.08	0.09
		PM ₁₀	0.03	0.03
13	Planer (4)	PM	4.25	4.78
		PM ₁₀	1.70	2.0
14	Shavings Loading (4)	PM	0.16	0.18
		PM ₁₀	0.05	0.06
15	Trim Saw (4)	PM	0.52	0.59
		PM ₁₀	0.30	0.34
16	Kiln 1	PM ₁₀	0.15	0.27
		CO	0.90	1.00
		NO _x	0.67	0.75
		SO ₂	0.01	0.01
		VOC	1.32	3.47
17	Kiln 2	PM ₁₀	0.42	0.65
		CO	2.13	2.40
		NO _x	1.60	1.80
		SO ₂	0.02	0.02
		VOC	4.26	8.33

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 - CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.

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

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The saw mill and all sawing operations are limited to:

9 Hrs/day 7 Days/week 52 Weeks/year or 2,250 Hrs/year

The kilns shall operate on a 24-hour period.

Maximum Throughput Rates:

Kiln 1:	<u>28,560</u> bd-ft/dy	<u>6,250,000</u> bd-ft/yr
Kiln 2:	<u>92,100</u> bd-ft/dy	<u>15,000,000</u> bd-ft/yr
Total throughput:	<u>120,660</u> bd-ft/dy	<u>21,250,000</u> bd-ft/yr

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated March 13, 2007