

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 1037 and PSD-TX-924

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*
EPNs 9 - 11	Veneer Dryer No. 3	VOC	17.70	46.02
EPN 19A and B	Reject Veneer Dryer Cyclone A and B	PM	3.00	3.45
		PM <sub>10</sub>	1.50	1.73
EPN 21A	Boiler Fuel House (4)	PM	0.08	0.30
		PM <sub>10</sub>	0.04	0.15
EPN 22	Wood-Fired Boiler	VOC	10.26	37.44
		PM <sub>10</sub>	15.69	57.28
		NO <sub>x</sub>	30.77	112.31
		CO	205.13	748.72
		SO <sub>2</sub>	0.16	0.60
EPN 27A	Planer Mill Area Baghouse	PM <sub>10</sub>	0.04	0.12
EPN 30 - 33	Log Soaking Vats 1 through 4 (4)	VOC	4.12	10.70
EPN 91	Studmill Dry Kiln No. 1 (4)	VOC	16.68	68.48
		PM <sub>10</sub>	1.46	4.64
		NO <sub>x</sub>	0.42	3.51
		CO	6.50	20.63
		SO <sub>2</sub>	0.07	0.21
EPN 92	Studmill Dry Kiln No. 2 (4)	VOC	16.68	68.48
		PM <sub>10</sub>	1.46	4.64
		NO <sub>x</sub>	0.42	3.51
		CO	6.50	20.63
		SO <sub>2</sub>	0.07	0.21
EPN 93	Ash Pick-Up Bag Filter	PM <sub>10</sub>	0.47	1.50
EPN 95	Chipmill Green Chips Cyclone	PM <sub>10</sub>	0.30	1.05

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
EPN 101	Sawmill Dry Kiln No. 1 (4)	VOC	11.46	47.50
		PM <sub>10</sub>	0.34	1.41
EPN 102	Sawmill Dry Kiln No. 2 (4)	VOC	11.46	47.50
		PM <sub>10</sub>	0.34	1.41
EPN 103	Sawmill Dry Kiln No. 3 (4)	VOC	11.46	47.50
		PM <sub>10</sub>	0.34	1.41
EPN 104	Sawmill Dry Kiln No. 4 (4)	VOC	11.46	47.50
		PM <sub>10</sub>	0.34	1.41
EPN 105	Shavings Bag Filter	PM <sub>10</sub>	1.90	1.69
EPN 106	Shavings Truck Bin (4)	PM	0.10	0.03
		PM <sub>10</sub>	0.05	0.01
EPN 107	Sawmill Chip Truck Bin (4)	PM	0.36	0.41
		PM <sub>10</sub>	0.17	0.19
EPN 108	Sawmill Sawdust Truck Bin (4)	PM	0.32	0.20
		PM <sub>10</sub>	0.15	0.09
EPN 109	Sawmill Bark Screen/Hog (4)	PM	0.10	0.13
		PM <sub>10</sub>	0.05	0.06
EPN 110	Chipmill Chip Loading (4)	PM	0.17	0.23
		PM <sub>10</sub>	0.08	0.11
EPN 111 A and B	Sawmill Chip Screens (4)	PM	0.04	0.05
		PM <sub>10</sub>	0.02	0.03
EPN 112	Studmill Chip Loading (4)	PM	0.05	0.07
		PM <sub>10</sub>	0.03	0.03
EPN 113A	Studmill Chip Screen (4)	PM	0.06	0.07
		PM <sub>10</sub>	0.03	0.04

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
EPN 113B	Studmill Bark Hog (4)	PM	0.04	0.06
		PM <sub>10</sub>	0.02	0.03
EPN 114	Chipmill Chip Screen (4)	PM	0.03	0.12
		PM <sub>10</sub>	0.02	0.06
EPN 115	Chipmill Bark Hog and Screen (4)	PM	0.02	0.03
		PM <sub>10</sub>	0.01	0.02
EPN 116A	Studmill Cooling Shed (4)	VOC	2.40	4.80
EPN 116B	Sawmill Cooling Shed (4)	VOC	4.37	8.73
EPN 117	Finished Lumber (4)	VOC	0.70	1.41
EPN 118A and B	Stenciling Line Nos. 1 and 2 (4)	VOC	0.04	0.17
EPN 119	Haul Roads (4)	PM	7.53	22.58
		PM <sub>10</sub>	3.45	10.36
EPN 125	Veneer Chip Screen (4)	PM	0.01	0.02
		PM <sub>10</sub>	0.01	0.01
EPN 126	Veneer Chip Truck Loading (4)	PM	0.03	0.03
		PM <sub>10</sub>	0.01	0.02
EPN 127	Veneer Chip Rail Loading (4)	PM	0.05	0.06
		PM <sub>10</sub>	0.03	0.03
EPN 128	Veneer Bark Hog (4)	PM	0.01	0.01
		PM <sub>10</sub>	<0.01	<0.01
EPN 129	Dry Veneer Waste Hog (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01

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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) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
PM<sub>10</sub> - 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<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

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

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

Dryer Throughput: 25,000 square feet per hour of veneer produced on "3/8" basis and 130,000,000 square feet per year.

Wood-Fired Boiler: 120,000 pounds per hour of steam produced and 20.5 tph of wood fuel burned or 149,744 tons per year (tpy) of wood fuel burned.

Studmill Kilns: 3.25 tph of fuel to burner or 20,625 tpy of fuel and 268,000 board feet per charge of lumber produced or 110,000,000 board feet per year of lumber on a nominal dimensional basis.

Sawmill Kilns: Nominal throughput of 200,000,000 board feet per year of lumber produced.

Dated May 15, 2001