EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 1037 and PSD-TX-924M1

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*
EPN 21A	Boiler Fuel House (4)	PM	0.08	0.30
		PM_{10}	0.04	0.15
EPN 22	Wood-Fired Boiler	VOC	10.25	37.44
		PM_{10}	10.71	39.08
		NO_x	30.75	112.31
		CO	246.68	900.96
		SO_2	0.16	0.60
EPN 22 (MSS)	Wood-Fired Boiler-MSS	VOC	1.00	0.01
		PM_{10}	15.32	0.08
		NO_x	3.10	0.02
		CO	200.03	1.00
		SO_2	0.73	<0.01
EPN 27A	Planer Mill Area Baghouse	PM_{10}	0.83	3.62
EPN 92	Studmill Dry Kiln No. 2	VOC	16.35	67.11
		PM_{10}	1.43	4.55
		NO_x	2.07	8.49
		CO	12.74	40.43
		SO_2	0.56	1.77
EPN 95	Chipmill Green Chips Cyclone	PM_{10}	0.30	1.05
EPN 101#	Sawmill Dry Kiln No. 1	VOC	15.76	65.66
		PM_{10}	0.47	1.94
EPN 102#	Sawmill Dry Kiln No. 2	VOC	15.76	65.66
		PM_{10}	0.47	1.94

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates ** lb/hr	TPY *
EPN 103#	Sawmill Dry Kiln No. 3	VOC	15.76	65.66
		PM_{10}	0.47	1.94
EPN 104#	Sawmill Dry Kiln No. 4	VOC	15.76	65.66
		PM_{10}	0.47	1.94
EPN 105	Shavings Bag Filter	PM_{10}	1.90	2.92
EPN 106	Shavings Truck Bin (4)	PM	0.10	0.05
		PM_{10}	0.05	0.02
EPN 107	Sawmill Chip Truck Bin (4)	PM	0.36	0.70
		PM_{10}	0.17	0.33
EPN 109	Sawmill Bark Screen/Hog (4)	PM	0.17	0.23
		PM_{10}	0.08	0.11
EPN 110	Chipmill Chip Loading (4)	PM	0.17	0.23
		PM_{10}	0.08	0.11
EPN 111	A & B Sawmill Chip Screens (4)	PM	0.07	0.09
		PM_{10}	0.03	0.04
EPN 112	Studmill Chip Loading (4)	PM	0.03	0.04
		PM_{10}	0.01	0.02
EPN 113A	Studmill Chip Screen (4)	PM	0.03	0.04
		PM_{10}	0.01	0.02
EPN 113B	Studmill Bark Hog (4)	PM	0.02	0.03
		PM_{10}	0.01	0.01
EPN 114	Chipmil Chip Screen (4)	PM	0.03	0.12
		PM_{10}	0.02	0.06

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EPN 115	Chipmill Bark Hog and Screen (4)	PM PM_{10}	0.02 0.01	0.03 0.02
EPN 116A	Studmill Cooling Shed (4)	VOC	1.20	4.94
EPN 116B	Sawmill Cooling Shed (4)	VOC	5.31	22.12
EPN 117	Finished Lumber (4)	VOC	0.79	3.28
EPN 118A and B	Stenciling Line Nos. 1 and 2 (4)	VOC †	0.01	0.04
EPN 119	Haul Roads (4)	PM PM_{10}	--- ---	22.20 4.32
EPN 130#	Sawmill Dry Kiln No. 5 (4)	VOC PM_{10}	15.76 0.47	65.66 1.94

(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 Title 30 Texas Administrative Code § 101.1
PM - particulate matter, suspended in the atmosphere, including PM_{10}.
PM_{10} - 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.
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO_2 - 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

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Wood-Fired Boiler: Maximum hourly heat input of 184.6 million British thermal units per hour (MMBtu/hr); 120,000 pounds per hour of steam produced; 20.5 tons per hour of wood fuel burned (30-day average); and 149,744 tons per year (tpy) of wood fuel burned.

Studmill No. 2: 1.63 tons per hour (tph) wood fuel burned (30-day average); 134 Dry Kiln: thousand board feet (MBF) per charge; and maximum annual wood fuel burned of 10,313 tpy; and maximum annual production of 55,000 MBF/yr.

Sawmill Dry: Maximum charge of 141 MBF and maximum annual throughput of Kilns 1-5:345,600 MBF/yr of lumber/studs produced on a nominal dimensional basis for all five sawmill kilns.

The following standard permits are incorporated into the permit and voided:

Standard Permit Number 46353 for the installation of the overfire air system on the wood-fired boiler.

Standard Permit Number 76065 for the replacement of the Studmill Dry Kiln No. 2 Burner.

† VOC (as species) - all other VOC emissions are represented on as carbon basis.

Dated March 3, 2009