EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 5628 and PSD-TX-905

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
S-01	Boiler No. 1	NO_x	10.00	43.80
		CO	35.00	153.30
		VOC	5.00	21.90
		SO_2	0.42	1.83
		PM_{10}	10.00	43.80
S-02	Boiler No. 2	NO_x	10.00	43.80
		CO	35.00	153.30
		VOC	5.00	21.90
		SO_2	0.42	1.83
		PM_{10}	10.00	43.80
S-03	Boiler No. 3	NO_x	45.00	197.10
		CO	1062.00	4651.56
		VOC	32.00	140.16
		SO_2	1.85	8.11
		PM_{10}	44.00	192.72
S-21	Package Boiler (when firing low sulfur diesel)	NO_x	23.50	8.46
		CO	8.40	3.03
		VOC	1.28	0.46
		SO_2	11.93	4.30
		PM_{10}	5.54	2.00
	Package Boiler (when firing natural gas)	NO_x	8.33	3.65
		CO	18.40	8.06
		VOC	1.32	0.58
		SO_2	0.14	0.06
		PM_{10}	1.84	0.81

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
S-04	Dryer No. 1	VOC	46.22	**
		PM	9.92	
		PM_{10}	6.83	
S-05	Dryer No. 2	VOC	59.88	**
		PM	12.85	
		PM_{10}	8.85	
S-06	Dryer No. 3	VOC	60.24	**
		PM	12.93	
		PM_{10}	8.90	
S-07	Dryer No. 4	VOC	71.26	**
		PM	15.29	
		PM_{10}	10.53	
S-04 through S-07	Dryer Nos. 1 through 4 Combined Annual Allowables	VOC		811.53
		PM		174.11
		PM_{10}		119.86
K-01	Kiln No. 1	VOC	28.80	**
		PM_{10}	0.71	
K-02	Kiln No. 2	VOC	28.80	**
		PM_{10}	0.71	
K-03	Kiln No. 3	VOC	28.80	**
		PM_{10}	0.71	
	Kiln Nos. 1, 2, and 3 Combined Annual Allowables	VOC		249.83
		PM_{10}		8.00
S-14	Dry Hog Baghouse	PM_{10}	0.89	3.90

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
S-15	Dry Waste Baghouse	PM_{10}	0.79	3.46
S-17	Sander Dust Baghouse	PM_{10}	0.04	0.18
S-19	Fuel House Cyclone	PM_{10}	0.30	1.32
S-18	Truck Bin Cyclone	PM_{10}	2.06	9.03
S-16	Dry Waste Cyclone	PM_{10}	0.21	0.92
V-01	Hot Press Roof Vent Press Nos. 1 and 2	VOC	33.11	124.98
		PM	25.06	94.59
		PM_{10}	10.55	39.80
		HCHO	0.91	3.45
F-09	Log Soaking Vats (Traditional Lathe)	VOC	14.00	61.32
F-09A	Log Soaking Vats (Centerless Lathe)	VOC	4.20	18.40
F-03	Ring Debarker (4)	PM_{10}	2.42	10.60
F-04	Drum Debarker (4)	PM_{10}	0.31	1.36
F-01	MTL Sawline (4)	PM_{10}	<0.01	0.01
F-02	Fiber Deck (4)	PM_{10}	<0.01	0.01
F-05	Even End Saws (4)	PM_{10}	<0.01	0.01
F-08	Trim Saws (4)	PM_{10}	<0.01	0.01
F-12	Truck Bin (4)	PM_{10}	<0.01	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
F-14	Truck Bin (4)	PM_{10}	<0.01	0.02
F-13	Rail Loading - Chips (4)	PM_{10}	<0.01	0.02
F-17	Shavings Truck Bin (4)	PM_{10}	<0.01	0.02

(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) NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code Section 101.1
SO_2 - sulfur dioxide
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 particulate matter greater than 10 microns is emitted.
HCHO - formaldehyde
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* 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

** Annual emission limits are based on a combined total for several points. The annual limit is specified after the last point in the group.

Dated January 25, 2002