

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5628

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	71.06	311.24
		CO	1430.00	6263.40
		VOC	132.00	578.16
		SO ₂	1.85	8.11
		PM ₁₀	44.00	192.72
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	

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
		PM ₁₀	10.53	
S-04 Through S-07		Dryer Nos. 1 through 4	VOC	
	789.34			
	Combined Annual Allowables		PM	
	169.26			
		PM ₁₀		116.52
K-01	Old Kiln	VOC	18.00	
		PM ₁₀	0.61	
K-02	New Kiln	VOC	18.00	
		PM ₁₀	0.61	
K-01 and K-02	Old and New Kilns	VOC		157.70
	Combined Annual Allowables		PM ₁₀	
	5.32			
S-14	Dry Hog Baghouse	PM ₁₀	0.89	3.90
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/C-12	Hot Press Roof Vent	VOC	15.11	
		PM	11.44	
		PM ₁₀	4.81	
		HCHO	0.42	
V-01/C-13	Hot Press Roof Vent	VOC	15.11	
		PM	11.44	
		PM ₁₀	4.81	
		HCHO	0.42	

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			lb/hr	TPY
V-01/C-12 and V-01/C-13	Hot Press Roof Vents Combined Annual Allowables 92.75	VOC		122.52
		PM ₁₀		39.04
		HCHO		3.38
F-09	Log Soaking Vats	VOC	14.00	61.32
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
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) VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

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

SO₂ - sulfur dioxide

CO - carbon monoxide

PM₁₀ - particulate matter less than 10 microns in diameter

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

Dated _____