

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 34340

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
EP01	Board Plant Stucco Dust Collector Stack	PM ₁₀	0.13	0.57
EP02	Board Plant Stucco Screw/E and W Stucco Bins Dust Collector Stack	PM ₁₀	0.08	0.36
EP03	Board Plant LPN Bin Dust Collector Stack	PM ₁₀	0.04	0.18
EP05	Sleutter Machine	PM ₁₀	0.36	1.58
EP06	Mill Molding Bin and LP Feed Bin Dust Collector Stack	PM ₁₀	0.09	0.37
EP07, 08, and 09	Nos. 1, 2, and 3 Kettle Stacks	PM ₁₀ (total)	0.585	2.56
		SO ₂ (total)	0.03	0.13
		CO (total)	1.68	7.36
		NO _x (total)	6.72	29.43
		VOC (total)	0.13	0.59
EP10, 11, 12, and 13	Board Dryer Stack Nos. 1, 2, 3, and 4	PM ₁₀ (total)	5.84	25.58
		SO ₂ (total)	0.21	0.93
		CO (total)	12.41	54.35
		NO _x (total)	4.84	20.22
		VOC (total)	11.99	52.50
		Glycol Ethers (total)		1.23
	5.38			

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
		Formaldehyde (total)		1.69
	7.42			
		Acetaldehyde (total)		0.21
	0.93			
EP14	Raymond Mills, Kettles, and Flash Dryer ESP Stack	PM ₁₀	6.29	27.55
		SO _x	0.18	0.79
		CO	0.32	1.38
		NO _x	1.20	5.26
		VOC	0.08	0.35
EP15	Board Plant/Bundler and Cut 1.24 Back Saws Dust Collector Stack		PM ₁₀	0.28
EP16	Transfer Building/Screens 1,2, 5.26 and 3 Baghouse Stack (4)		PM ₁₀	1.20
FE01	Primary Crusher (4)	PM	0.01	0.04
		PM ₁₀	<0.01	<0.01
FE02	Secondary Crusher (4)	PM	0.288	1.26
		PM ₁₀	0.02	0.09
FE03	Dirt Reject (4)	PM	0.078	0.34
		PM ₁₀	<0.01	0.02
FE04	Transfer Elevator No. 2 Belt (4)	PM	0.84	3.68
		PM ₁₀	0.012	0.05
FE05	Radial Stacker (4)	PM	0.156	0.68
		PM ₁₀	0.007	0.03
FE06	Stockpile Reclaim (4)	PM	1.08	4.73

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			lb/hr	TPY
		PM ₁₀	1.08	4.73
FE07	Sizing Stack N (4)	PM	0.104	0.46
		PM ₁₀	0.007	0.03
FE08	Sizing Stack M (4)	PM	0.104	0.46
		PM ₁₀	0.007	0.03
FE09	Sizing Stack S (4)	PM	0.104	0.46
		PM ₁₀	0.007	0.03
FE10	Dust Collector Chute (4)	PM	0.0007	0.003
		PM ₁₀	0.0007	0.003
FE11	Reclaim Wallboard (4)	PM	--	0.36
		PM ₁₀	--	0.18
FE12	Reclaim Wallboard (4)	PM	--	0.26
		PM ₁₀	--	0.13
FE13	Stock Pile (4)	PM	--	0.178
		PM ₁₀	--	0.089

(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) PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - 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.

SO₂ - sulfur dioxide

SO_x - sulfur oxides

CO - carbon monoxide

NO_x - total oxides of nitrogen

VOC - volatile organic compounds

(4) Fugitive emissions are an estimate only.

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

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

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

Maximum Production Rate: 1,051,200 tons
per year (tpy) crusher throughput
371,000 tpy wallboard production

Dated_____