

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5298

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
CEF-2	LIMESTONE DUMP TO HOPPER	(4)	TSP		0.49	0.42
			PM ₁₀		0.23	0.20
CEF-3	HOPPER TO CRUSHER	(4)	TSP		3.66	3.16
			PM ₁₀		1.73	1.49
FRB-1	CRUSHER TO BELT	(4)	TSP		3.66	3.16
			PM ₁₀		1.73	1.49
FRB-2	BELT TRANSFER POINT	(4)	TSP		3.66	3.16
			PM ₁₀		1.73	1.49
FRB-3	DROP TO RAW MATERIAL BUILDING	(4)	TSP		12.21	10.53
			PM ₁₀		5.78	4.98
FMS-3	LOADER DROP TO BELT BIN	(4)	TSP		2.46	1.05
			PM ₁₀		1.16	0.50
FRB-4	LOADING BIN DROP TO BELT	(4)	TSP		2.46	1.05
			PM ₁₀		1.16	0.50
FMS-4	UNDERGRATE FEEDER TO BELT	(4)	TSP		0.56	1.41
			PM ₁₀		0.27	0.67
FSASP2	DROP TO SAND PILE	(4)	TSP		0.09	0.35
			PM ₁₀		0.04	0.17
FMSSP2	MILL SCALE DROP FROM RAILCAR	(4)	TSP		0.07	0.29
			PM ₁₀		0.04	0.14
FMSSP3	MILL SCALE LOADER	(4)	TSP		0.07	0.29

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *		
			lb/hr	TPY	
	TO PILE			PM ₁₀	0.04 0.14
FMSSP4	MILL SCALE LOADER (4) TO FEEDER PILE			TSP	0.07 0.29
				PM ₁₀	0.04 0.14
FMSSP5	MILL SCALE FEEDER (4) TO FEED BELT			TSP	0.07 0.29
				PM ₁₀	0.04 0.14
FSASP3	SAND LOADER TO (4) HOPPER			TSP	0.09 0.35
				PM ₁₀	0.04 0.17
FSASP4	SAND HOPPER TO (4) BELT			TSP	0.09 0.35
				PM ₁₀	0.04 0.17
FSASP5	SAND BELT TO BIN (4)			TSP	0.09 0.35
				PM ₁₀	0.04 0.17
FSASP6	SAND BIN DROP (4) TO FEEDER			TSP	0.01 0.05
				PM ₁₀	0.01 0.02
FSASP7	SAND FEEDER DROP TO (4) MILL BELT			TSP	0.09 0.35
				PM ₁₀	0.04 0.17
DEF-1	TRANSFER COLLECTOR BAGHOUSE STACK			TSP	1.34 5.35
				PM ₁₀	1.34 5.35
DEF-2	SURGE BIN COLLECTOR BAGHOUSE STACK			TSP	0.54 2.16
				PM ₁₀	0.54 2.16
FEF-2	STORAGE/BLEND SILO COLLECTOR BAGHOUSE STACK			TSP	3.86 15.43
				PM ₁₀	3.86 15.43
EEF-8	SEPARATOR COLLECTOR BAGHOUSE STACK			TSP	14.14 58.57
				PM ₁₀	14.14 58.57
				VOC	3.12 12.46

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			lb/hr	TPY	
			NO _x	5.77	23.07
			SO ₂	0.02	0.10
			CO	1.44	5.77
EEF-9	MILL COLLECTOR BAGHOUSE STACK		TSP	5.14	20.57
			PM ₁₀	5.14	20.57
CEF-1	CRUSHER COLLECTOR BAGHOUSE STACK		TSP	3.86	4.82
			PM ₁₀	3.86	4.82

- (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) TSP - total suspended particulate matter including PM₁₀
 PM₁₀ - particulate matter less than 10 microns in diameter
 VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
- (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 and maximum throughput rates:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 3,000 (crusher)
 and Hrs/year 8,000 (mill #4)

Throughput rates: 975,000 tons/year of raw material

930,000 tons/year of limestone through crusher

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			lb/hr	TPY

Date_____