

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

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Permit Number 54318

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.

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

Crushers

2	Primary Crusher	PM	1.20	1.26
		PM ₁₀	0.59	0.62
9	Crusher	PM	0.84	0.88
		PM ₁₀	0.41	0.43
11	Tertiary Crusher	PM	0.39	0.41
		PM ₁₀	0.19	0.20
17	Tertiary Crusher	PM	0.36	0.38
		PM ₁₀	0.18	0.19

Screens

6	Screen No. 1	PM	1.76	1.85
		PM ₁₀	0.84	0.88
10	Screen No. 2	PM	1.23	1.30
		PM ₁₀	0.59	0.62

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
12	Screen No. 3	PM	0.57	0.60
		PM ₁₀ 0.27	0.29	
18	Screen No. 4	PM	0.53	0.56
		PM ₁₀ 0.25	0.26	
22	Screen No. 5	PM	0.18	0.19
		PM ₁₀ 0.08	0.09	
Material Handling				
Hoppers (5)	Hoppers	PM	0.09	0.09
		PM ₁₀ 0.04	0.04	
Conveyors (6)	Conveyors	PM	0.42	0.45
		PM ₁₀ 0.18	0.20	
Loading and Unloading		Loading Crushed Stone	PM	0.06
		PM ₁₀ 0.07		
		PM ₁₀ 0.03	0.03	
	Unloading Fragmented Stone	PM	0.01	0.01
		PM ₁₀ <0.01	<0.01	
Stockpiles	Stockpiles	PM	--	3.61
		PM ₁₀ --	1.81	
Gen-set	Diesel Generator Set	NO _x	4.59	13.45
		CO 0.81	2.37	
		SO _x 0.63	1.84	
		PM ₁₀ 0.67	1.97	
		VOC 0.13	0.38	

- (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.
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO_x - total oxides of sulfur
 CO - carbon monoxide

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- (4) Fugitive emissions are an estimate only.
 (5) Emission rate values are cumulative emissions for the hoppers identified as emission points 1 and 8.
 (6) Emission rate values are cumulative emissions for the following material handling points: 3, 4, 5, 7, 13, 14, 15, 16, 19, 20, and 21.

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

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

Primary Crusher: 1,000 Tons/hour
2,100,000 Tons/year

Total Facility: 2,100,000 Tons/year

Diesel Generator Set: 5,860

Hrs/year

Dated July 16, 2003