

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 83755

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**
5	Jaw Crusher 1 (4)	PM	0.21	0.26
		PM ₁₀	0.10	0.13
6	Jaw Crusher 2 (4)	PM	0.21	0.26
		PM ₁₀	0.10	0.13
18	VSI Crusher 1 (4)	PM	0.24	0.30
		PM ₁₀	0.11	0.14
34	VSI Crusher 2 (4)	PM	0.14	0.17
		PM ₁₀	0.06	0.08
32	VSI Crusher 3 (4)	PM	0.14	0.17
		PM ₁₀	0.06	0.08
50	Cone Crusher 1 (4)	PM	0.09	0.11
		PM ₁₀	0.04	0.05
52	Cone Crusher 2 (4)	PM	0.09	0.11
		PM ₁₀	0.04	0.05
9	Screen 1 (4)	PM	2.20	2.75
		PM ₁₀	0.74	0.93
11	Screen 2 (4)	PM	2.64	3.30
		PM ₁₀	0.89	1.11
36	Screen 6 (4)	PM	0.21	0.26
		PM ₁₀	0.07	0.09
38	Screen 5 (4)	PM	0.21	0.26
		PM ₁₀	0.07	0.09

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40	Screen 4 (4)	PM	0.21	0.26
		PM ₁₀	0.07	0.09
42	Screen 3 (4)	PM	0.21	0.26
		PM ₁₀	0.07	0.09
55	Screen 7 (4)	PM	0.42	0.52
		PM ₁₀	0.14	0.18
58	Screen 8 (4)	PM	0.42	0.52
		PM ₁₀	0.14	0.18
61	Screen 9 (4)	PM	0.42	0.52
		PM ₁₀	0.14	0.18
64	Screen 10 (4)	PM	0.42	0.52
		PM ₁₀	0.14	0.18
76	Screen 12 (4)	PM	0.01	0.02
		PM ₁₀	<0.01	0.01
78	Screen 11 (4)	PM	0.01	0.02
		PM ₁₀	<0.01	0.01
84	Screen 15 (4)	PM	0.13	0.16
		PM ₁₀	0.05	0.06
86	Screen 16 (4)	PM	0.13	0.16
		PM ₁₀	0.05	0.06
94	Screen 13 (4)	PM	0.10	0.12
		PM ₁₀	0.03	0.04
96	Screen 14 (4)	PM	0.10	0.12
		PM ₁₀	0.03	0.04
1, 3, 44, 91, and 103	Loading/Unloading Operations (4)	PM	0.20	0.25
		PM ₁₀	0.08	0.10
MHFUG	Material Handling (4, 5)	PM	7.25	9.06
		PM ₁₀	2.39	2.99
STFUG	Stockpiles (4, 6)	PM	-.--	21.68
		PM ₁₀	-.--	10.84

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T-1 and T-2	10,000 gal Diesel Tanks	VOC	<0.01	0.02
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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.
- (5) Includes emissions from Emission Point Nos. 2, 4, 7, 8, 10, 12-17, 19-31, 33, 35, 37, 39, 41, 43, 45-49, 51, 53, 54, 56, 57, 59, 60, 62, 63, 65-75, 77, 79-83, 85, 87-90, 92, 93, 95, 97-102, 104-112, 114, and 115.
- (6) Stockpile emissions are cumulative emissions from Stockpiles A through Q totaling 30.0 acres in area.

* Emission rates are based on and the facilities are limited by the maximum operating schedule and throughput rates shown below.

** Compliance with annual emission limits is based on a rolling 12-month period.

Maximum operating schedule:

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

Production Rates:

Jaw Crusher 1 (EPN 5):	1,000 tons/hour	2,500,000 tons/year
Jaw Crusher 2 (EPN 6):	1,000 tons/hour	2,500,000 tons/year
VSI Crusher 1 (EPN 18):	200 tons/hour	500,000 tons/year
VSI Crusher 2 (EPN 34):	750 tons/hour	1,875,000 tons/year
VSI Crusher 3 (EPN 32):	750 tons/hour	1,875,000 tons/year
Cone Crusher 1 (EPN 50):	510 tons/hour	1,275,000 tons/year
Cone Crusher 2 (EPN 52):	510 tons/hour	1,275,000 tons/year
Total Facility:	2,000 tons/hour	5,000,000 tons/year

Dated _____