

Emission Sources - Maximum Allowable Emission Rates

Permit Number 17708

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, sources, and related activities. 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 (5)	
			lbs/hour	TPY
3A	Impact Crusher (4)	PM	0.21	0.31
		PM ₁₀	0.10	0.15
4A	Primary Screen (4)	PM	0.13	0.19
		PM ₁₀	0.06	0.09
19	Screen (4)	PM	0.97	2.03
		PM ₁₀	0.46	0.97
20	Hammermill Crusher (4)	PM	0.66	1.28
		PM ₁₀	0.33	0.63
22	Wash Plant Screen (4)	PM	0.11	0.23
		PM ₁₀	0.02	0.05
23	VSI Crusher (4)	PM	0.24	0.51
		PM ₁₀	0.12	0.25
25	VSI Crusher (4)	PM	0.08	0.18
		PM ₁₀	0.04	0.09
LOAD	Truck Loadout (4)	PM	0.09	0.13
		PM ₁₀	0.05	0.06
UNLOAD	Unloading Fragmented Stone (4)	PM	0.02	0.02
		PM ₁₀	< 0.01	0.01
MATERIAL HANDLING	Material Handling (4)	PM	5.77	8.39
		PM ₁₀	2.52	3.67
STK	Stockpiles (4)	PM	--	14.10
		PM ₁₀	--	7.05

- (1) Emission point identification - either specific equipment designation or emission point number (EPN) from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented

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- (4) Fugitive emissions are an estimate only.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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

Primary Crusher: 1,210 Tons/hour 3,630,000 Tons/year

Hammermill Crusher 550 Tons/hour 2,125,000 Tons/year

VSI Crusher (EPN 23) 200 Tons/hour 850,000 Tons/year

VSI Crusher (EPN 25) 69 Tons/hour 294,000 Tons/year

Total Facility: 4,250,000 Tons/year

Date: March 22, 2013