

Emission Sources - Maximum Allowable Emission Rates

Permit Number 5678

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
1	Cement/Fly Ash Baghouse	PM ₁₀	0.05	0.05
2	Pile/Screens (4)	PM	0.53	0.41
		PM ₁₀	0.26	0.20
3	Screens Scalping (4)	PM	0.35	0.27
		PM ₁₀	0.18	0.14
4	Conveyor/Crushers (4)	PM	0.03	0.02
		PM ₁₀	0.02	0.01
5	Primary Crusher (4)	PM	0.16	0.12
		PM ₁₀	0.08	0.06
6	Secondary Crusher (4)	PM	0.16	0.12
		PM ₁₀	0.08	0.06
7	Crushers/Piles/Conveyor (4)	PM	0.53	0.41
		PM ₁₀	0.26	0.20
8	Conveyor Silos (4)	PM	0.35	0.27
		PM ₁₀	0.18	0.14
9	Kiln Burners (4)	PM ₁₀	0.07	0.012
		NO _x	0.86	0.16
		CO	0.72	0.13
		SO ₂	0.005	0.001
		VOC	0.05	0.01

- (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.

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- (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
NO_x - oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
VOC - volatile organic compounds
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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

Hrs/day 8 Days/week 5 Weeks/year 50 or Hrs/year 2,000

A maximum hourly throughput of 22 tons and a maximum annual throughput of 34,000 tons of crushed sand, rock, gravel, and volcanic cinder.

Date: December 6, 2012