

Emission Sources - Maximum Allowable Emission Rates

Permit Number 35218

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 (9) *	
			lbs/hour	TPY
1	Hopper (4)	PM	< 0.01	< 0.01
		PM ₁₀	< 0.01	< 0.01
2	Screen 1 Operations (4)	PM	0.66	1.10
		PM ₁₀	0.22	0.37
3	Jaw Crusher (4)	PM	0.06	0.11
		PM ₁₀	0.03	0.05
Multiple (5)	Aggregate Handling (4) (6) (7)	PM	0.29	0.46
		PM ₁₀	0.10	0.15
6	Screen 2 Operations (4)	PM	0.18	0.22
		PM ₁₀	0.06	0.07
7	Cone Crusher (4)	PM	0.03	0.05
		PM ₁₀	0.01	0.02
12	Screen 3 Operations (4) (6)	PM	0.16	0.27
		PM ₁₀	0.05	0.09
STK	Stockpiles (4)	PM	--	1.11
		PM ₁₀	--	0.53
P1	Power Unit	NO _x	3.23	10.08
		CO	0.86	2.68
		SO ₂	0.05	0.16
		PM ₁₀	0.10	0.32
		VOC	0.10	0.30
Tank 1	Diesel Fuel Tank (8)	VOC	< 0.01	< 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) CO - carbon monoxide
NO_x - total oxides of nitrogen
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
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.
- (5) Includes the following emissions points: EPNs 4, 5, 8, 9, 10, 11, 13, 14; and the transfer point from Screen 1 to Conveyors 1 or 8; the transfer point from Screen 2 to Conveyors 13 or 10; and the transfer point from Screen 3 to Conveyors 14, 3, or 5.
- (6) Screen 3 and Conveyors 2, 3, and 4 are authorized by Permit by Rule (PBR) Registration Number 70848L001.
- (7) Conveyors 13 and 14 are authorized by PBR Registration Number 70848L002.
- (8) The diesel storage tank is authorized pursuant to PBR § 106.473, which does not require registration.
- (9) 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 and production rates:

20 Hrs/day 6 Days/week 52 Weeks/year or 6,240 Hrs/year

Jaw Crusher:	<u>300</u> Tons/hour	<u>1,000,000</u> Tons/year
Cone Crusher:	<u>120</u> Tons/hour	<u>400,000</u> Tons/year
Total Facility:	<u>300</u> Tons/hour	<u>1,000,000</u> Tons/year

Date: March 14, 2013