

Emission Sources - Maximum Allowable Emission Rates

Permit Number 28490F

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*	
			lbs/hour	TPY
2	Impact Crusher (4)	PM	0.36	0.60
		PM ₁₀	0.18	0.30
		PM _{2.5}	0.02	0.04
5	Vibrating Screens (4)	PM	0.53	0.89
		PM ₁₀	0.26	0.42
		PM _{2.5}	0.03	0.06
1	Loading (4)	PM	0.02	0.09
		PM ₁₀	0.01	0.04
		PM _{2.5}	<0.01	0.01
18	Unloading (4)	PM	0.01	0.02
		PM ₁₀	0.01	0.01
		PM _{2.5}	<0.01	<0.01
3	Material Handling (4)	PM	0.19	0.31
		PM ₁₀	0.09	0.14
		PM _{2.5}	0.01	0.02
11	Cone Crusher (4)	PM	0.18	0.30
		PM ₁₀	0.09	0.15
		PM _{2.5}	0.01	0.02
10	Secondary Screen (4)	PM	0.27	0.45
		PM ₁₀	0.13	0.21
		PM _{2.5}	0.02	0.03
5	Stockpiles (4)	PM	--	5.15
		PM ₁₀	--	2.58
		PM _{2.5}	--	0.39

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ENG	Diesel Engine	PM	0.14	0.42
		PM ₁₀	0.14	0.42
		PM _{2.5}	0.14	0.42
		NO _x	4.59	13.45
		CO	0.81	2.38
		SO ₂	0.18	0.53
		VOC	0.13	0.39

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 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
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 CO - carbon monoxide
 (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* 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

Maximum Impact Crusher Production Rates: 300 Tons/hour 1,000,000 Tons/year

Maximum Cone Crusher Production Rates: 120 Tons/hour 400,000 Tons/year

Maximum Total Facility Production Rates: 300 Tons/hour 1,000,000 Tons/year

Date: September 21, 2017