

Emission Sources - Maximum Allowable Emission Rates

Permit Number 165420L001

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
CR1	Jaw Crusher	PM	0.06	0.28
		PM ₁₀	0.03	0.13
		PM _{2.5}	0.01	0.02
SC1	Primary Screen	PM	0.83	3.61
		PM ₁₀	0.28	1.22
		PM _{2.5}	0.02	0.08
CR2	Secondary Crusher	PM	0.09	0.39
		PM ₁₀	0.04	0.18
		PM _{2.5}	0.01	0.03
MHFUG	Material Handling	PM	0.13	0.55
		PM ₁₀	0.04	0.18
		PM _{2.5}	0.01	0.05
MHFUG	Stockpile Fugitives	PM	0.08	0.36
		PM ₁₀	0.04	0.17
		PM _{2.5}	0.01	0.03
ENG1	Engine	PM	0.10	0.43
		PM ₁₀	0.10	0.43
		PM _{2.5}	0.10	0.43
		NO _x	3.16	13.83
		CO	1.73	7.56
		SO ₂	0.62	2.69
		VOC	0.74	3.25

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- (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) 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
 - NO_x
 - total oxides of nitrogen
 - CO
 - carbon monoxide
 - VOC
 - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Planned maintenance startup and shutdown emissions are authorized under this permit.
- (5) Fugitive emissions are an estimate only.

Date: February 17, 2022