

Emission Sources - Maximum Allowable Emission Rates

Permit Number 163092

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 (4)
C-1	Primary Jaw	PM	0.13	0.46
		PM ₁₀	0.06	0.22
		PM _{2.5}	0.01	0.03
C-2	Secondary Cone	PM	0.58	2.10
		PM ₁₀	0.26	0.95
		PM _{2.5}	0.04	0.14
C-3	Tertiary Cone	PM	0.22	0.79
		PM ₁₀	0.10	0.35
		PM _{2.5}	0.01	0.05
GSC-1	Grizzly Screen	PM	2.70	9.86
		PM ₁₀	0.99	3.61
		PM _{2.5}	0.15	0.54
PSC-1	Prescreen	PM	0.13	0.48
		PM ₁₀	0.04	0.16
		PM _{2.5}	0.01	0.02
SC-1	Screen	PM	0.13	0.48
		PM ₁₀	0.04	0.16
		PM _{2.5}	0.01	0.02
SC-2	Screen	PM	0.11	0.39
		PM ₁₀	0.04	0.13
		PM _{2.5}	0.01	0.02
SC-3	Screen	PM	0.06	0.26
		PM ₁₀	0.02	0.09
		PM _{2.5}	<0.01	0.01

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MHFug	Material Handling	PM	2.28	8.32
		PM ₁₀	0.73	2.68
		PM _{2.5}	0.21	0.77
PILEFug	Stockpiles (5)	PM	--	3.38
		PM ₁₀	--	1.69
		PM _{2.5}	--	0.85
GenSet No1	Crush Engine	PM	0.15	0.54
		PM ₁₀	0.15	0.54
		PM _{2.5}	0.15	0.54
		NO _x	6.66	24.32
		CO	4.13	15.06
		SO ₂	6.07	22.15
		VOC	6.66	24.32
GenSet No2	Plant Generator	PM	0.15	0.54
		PM ₁₀	0.15	0.54
		PM _{2.5}	0.15	0.54
		NO _x	6.66	24.32
		CO	4.13	15.06
		SO ₂	6.07	22.15
		VOC	6.66	24.32
GenSet No3	Prescreen Generator	PM	0.03	0.13
		PM ₁₀	0.03	0.13
		PM _{2.5}	0.03	0.13
		NO _x	1.55	5.67
		CO	0.96	3.51
		SO ₂	1.42	5.17
		VOC	1.55	5.67

- (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

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NO _x	- total oxides of nitrogen
SO ₂	- sulfur dioxide
PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	- 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) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: April 16, 2021