

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 38335

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. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission (5)*	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
F2	Primary Impact Crusher (4) 0.60	PM		0.48
		PM ₁₀	0.22	0.27
F7	Secondary VSI Crusher (4)	PM	0.48	0.60
		PM ₁₀	0.22	0.27
F3	Primary Screen (4)	PM	0.88	1.10
		PM ₁₀	0.30	0.37
F8	Secondary Screen (4)	PM	0.88	1.10
		PM ₁₀	0.30	0.37
F1, 4-6, 9, 10, and MTL	0.38	Material Handling (4) 0.47		PM
		PM ₁₀	0.14	0.17
11	Engine No. 1 (4)	PM ₁₀	0.85	1.86
		VOC	0.13	0.28
		NO _x	13.71	30.02

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		SO ₂	0.36	0.80
		CO	0.49	1.07
12	Engine No. 2 (4)	PM ₁₀	0.19	0.42
		VOC	0.12	0.26
		NO _x	8.14	17.83
		SO ₂	0.94	2.07
		CO	1.30	2.85
13	Engine No. 3 (4)	PM ₁₀	0.19	0.42
		VOC	0.12	0.26
		NO _x	8.14	17.83
		SO ₂	0.94	2.07
		CO	1.30	2.85
STK	Stockpiles (4)	PM	-	5.14
		PM ₁₀	-	2.57

(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 - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in Title 30 Texas

Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

(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 and production rates:

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24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Primary Crusher: 400 Tons/hour 1,000,000 Tons/year

Dated April 4, 2019