

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 54987L001

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 *	Source	Air Contaminant	Emission	Rates
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
Crushing Plant				
Fug	Aggregate Handling (4)	PM	0.13	0.07
		PM ₁₀	0.13	0.07
CR 1, 2, and 3 (5)	Crushing Operations (4)	PM		
0.34		0.20		
		PM ₁₀	0.17	0.10
SC 1, 2, and 3	Screening Operations (4)	PM	0.39	0.23
		PM ₁₀	0.19	0.11
Eng 1	Cone Crusher Engine	NO _x	6.97	10.46
		CO	1.12	1.68
		PM	0.40	0.60
		VOC	0.14	0.21
		SO _x	0.97	1.46
Eng 2 and 3	Two Generator Sets	NO _x	13.94	20.91
		CO	2.24	3.36
		PM	0.80	1.20
		VOC	0.28	0.42
		SO _x	1.95	2.92
Fug	Stockpile (4)	PM	--	0.83
		PM ₁₀	--	0.42
Screening Plant				
SC 4	Screening Operations (4)	PM	0.88	0.74
		PM ₁₀	0.42	0.35

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission	Rates
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
Crushing Plant				
Fug	Material Handling (4)	PM	0.12	0.10
		PM ₁₀	0.04	
Eng 4	Generator Set	NO _x	3.53	4.41
		CO	0.95	
		PM	0.31	
		VOC	0.35	
		SO _x	0.29	
Fug	Stockpile (4)	PM	--	0.17
		PM ₁₀	--	0.08

(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) Facility has one jaw crusher and two cone crushers

* Emission rates are based on and the facilities are limited by the following maximum operating schedule and production rates:

Crushing Plant

10 Hrs/day 6 Days/week 50 Weeks/year or 3,000 Hrs/year

170 Tons/hr 200,000 Tons/yr

Screening Plant

500 Tons/hr 840,000 Tons/yr
Hrs/year

2,496

Date January 14, 2004