

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 83568L001

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
CRUSH1	Impact Crusher (4)	PM	0.05	0.11
		PM ₁₀	0.02	0.05
SCREEN1	Screen (4)	PM	0.10	0.20
		PM ₁₀	0.03	0.07
CONVEY1	Conveyor Transfer (4)	PM	0.04	0.07
		PM ₁₀	0.02	0.03
RADSTACK1	Radial Stacker (4)	PM	0.04	0.07
		PM ₁₀	0.02	0.03
STCKPILE1	Stockpiles (4)	PM	---	2.19
		PM ₁₀	---	1.09
LOADERS	Truck Loading/Unloading (4)	PM	0.14	0.60
		PM ₁₀	0.06	0.28
ENGINE1	Caterpillar C13	PM/ PM ₁₀	0.15	0.30
		NO _x	2.90	5.80
		CO	2.54	5.08
		VOC	1.11	2.22
		SO ₂	0.91	1.82
ENGINE2	BF4M2012 Deutz	PM/ PM ₁₀	0.03	0.06
		NO _x	1.08	2.16
		CO	0.19	0.38
		VOC	0.03	0.06
		SO ₂	0.21	0.42

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ENGINE3	B3.3 Cummins	PM/ PM ₁₀	0.04	0.08
		NO _x	0.89	1.78
		CO	0.17	0.34
		VOC	0.89	1.78
		SO ₂	0.18	0.36

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an 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 - particulate matter, suspended in the atmosphere, including PM₁₀
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.

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

Facility production is limited to 300 tons per hour (tph) and 1,200,000 tons per year (tpy).

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

- ** Compliance with annual emission limits is based on a rolling 12-month period.

Date August 19, 2008