

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 86290L001

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**
1 and 4	Single Bin Feeds 1 and 2 (4)	PM	0.17	0.31
		PM ₁₀	0.06	0.10
2	Sand Screw (4)	PM	0.08	0.16
		PM ₁₀	0.03	0.05
3	Cone Crusher (4)	PM	0.72	1.35
		PM ₁₀	0.32	0.61
5	Log Washer (4)	PM	0.08	0.16
		PM ₁₀	0.03	0.05
6	Rinse Screen (4)	PM	1.32	2.47
		PM ₁₀	0.44	0.83
MTH	Material Handling (4)(5)	PM	1.05	1.93
		PM ₁₀	0.36	0.64
STK	Stockpiles (4)	PM	---	4.34
		PM ₁₀	---	2.17
ENG 1	Engine (6)(7)	PM ₁₀	0.12	0.04
		NO _x	0.96	1.81
		SO ₂	0.15	0.29
		CO	0.16	0.31
		VOC	0.02	0.04
ENG 2	Engine (6)(8)	PM ₁₀	0.15	0.27
		NO _x	2.91	5.44
		SO ₂	0.90	1.69
		CO	2.52	4.72
		VOC	2.91	5.44

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ENG 3	Engine (6)(9)	PM ₁₀	1.55	2.90
		NO _x	7.98	14.94
		SO ₂	0.90	1.69
		CO	4.32	8.09
		VOC	7.98	14.94

- (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) PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 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 and should not be considered as a maximum allowable emission rate.
- (5) Sources include loading and unloading as well as Drop Points 1-4,7-10,12, and 13.
- (6) Emissions based on 3,744 hours of operation.
- (7) Engine used to power the conveyors is manufactured by Cummins and has a horsepower of 76.
- (8) Engine used to power the crusher is manufactured by Caterpillar and has a horsepower of 440.
- (9) Engine used to power the sand screw, log washer, and associated equipment is manufactured by Cummins and has a horsepower of 755.

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

12 Hrs/day 6 Days/week 52 Weeks/year or 3,744 Hrs/year

Primary Cone Crusher 600 tons/hour 2,246,400 tons/year

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

Dated January 6, 2009