

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 78322L002

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**
Large Property Layout (5)				
F-Crush 1	Primary Jaw Crusher 1 (4)	PM	0.01	0.06
		PM ₁₀	0.01	0.03
F-Crush 2	Primary Jaw Crusher 2 (4)	PM	0.01	0.06
		PM ₁₀	0.01	0.03
F-Crush 3	Secondary Crusher (4)	PM	0.08	0.35
		PM ₁₀	0.04	0.16
F-Screen 1	Screen 1 (4)	PM	0.15	0.65
		PM ₁₀	0.05	0.22
F-Screen 2	Screen 2 (4)	PM	0.15	0.65
		PM ₁₀	0.05	0.22
F-Load/Unload	Loading/Unloading Operations (4)	PM	0.11	0.48
		PM ₁₀	0.06	0.23
MHFUG	Aggregate Handling (4)	PM	0.28	1.22
		PM ₁₀	0.12	0.52
SPFUG	Stockpiles (4)	PM	-.--	6.03
		PM ₁₀	-.--	3.01
E-Eng1	440-hp Caterpillar Engine Set	PM ₁₀	0.26	1.14
		CO	2.75	12.06
		NO _x	3.43	15.03
		SO ₂	0.90	3.95
		VOC	0.22	0.96

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E-Eng2	440 hp Caterpillar Engine Set	PM ₁₀	0.26	1.14
		CO	2.75	12.06
		NO _x	3.43	15.03
		SO ₂	0.90	3.95
		VOC	0.22	0.96

Small Property Layout (6)

F-Crush 1	Primary Jaw Crusher 1 (4)	PM	0.01	0.04
		PM ₁₀	0.01	0.02
F-Crush 2	Primary Jaw Crusher 2 (4)	PM	0.01	0.04
		PM ₁₀	0.01	0.02
F-Crush 3	Secondary Crusher (4)	PM	0.05	0.24
		PM ₁₀	0.03	0.11
F-Screen 1	Screen 1 (4)	PM	0.10	0.43
		PM ₁₀	0.03	0.15
F-Screen 2	Screen 2 (4)	PM	0.10	0.43
		PM ₁₀	0.03	0.15
F-Load/Unload	Loading/Unloading Operations (4)	PM	0.07	0.32
		PM ₁₀	0.04	0.15
MHFUG	Aggregate Handling (4)	PM	0.19	0.81
		PM ₁₀	0.08	0.35
SPFUG	Stockpiles (4)	PM	-.--	0.91
		PM ₁₀	-.--	0.45
E-Eng1	440 hp Caterpillar Engine Set	PM ₁₀	0.26	1.14
		CO	2.75	12.06
		NO _x	3.43	15.03
		SO ₂	0.90	3.95
		VOC	0.22	0.96

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**

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E-Eng2	440 hp Caterpillar Engine Set	PM ₁₀	0.26	1.14
		CO	2.75	12.06
		NO _x	3.43	15.03
		SO ₂	0.90	3.95
		VOC	0.22	0.96

- (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 and PM_{2.5}
- 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 maximum operating schedule and throughputs described below:

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

(5) Large Property Layout

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

Crusher No. 1:	450 Tons/hour	3,942,000 Tons/year
Crusher No. 2:	450 Tons/hour	3,942,000 Tons/year
Crusher No. 3:	450 Tons/hour	3,942,000 Tons/year
Total Facility:		3,942,000 Tons/year

(6) Small Property Layout

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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Crusher No. 1:	300 Tons/hour	2,628,000 Tons/year
Crusher No. 2:	300 Tons/hour	2,628,000 Tons/year
Crusher No. 3:	300 Tons/hour	2,628,000 Tons/year
Total Facility:		2,628,000 Tons/year

Dated June 18, 2008