

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56523

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*
<u>CRUSHING OPERATIONS</u>				
AP-C1	Aggregate Plant Primary Crusher (4)	PM	0.23	0.35
		PM ₁₀	0.11	0.16
		PM _{2.5}	0.02	0.03
AP-C2	Secondary Crusher (4)	PM	0.98	1.46
		PM ₁₀	0.47	0.69
		PM _{2.5}	0.02	0.03
WP-C	Wash Plant Tertiary Crusher (4)	PM	0.06	0.09
		PM ₁₀	0.03	0.04
		PM _{2.5}	<0.01	<0.01
<u>SCREENING OPERATIONS</u>				
AP-S	Aggregate Plant Screen (4)	PM	0.43	0.64
		PM ₁₀	0.14	0.21
		PM _{2.5}	0.02	0.03
WP-S1	Wash Plant Wet Screening (4)	PM	0.03	0.04
		PM ₁₀	0.01	0.01
		PM _{2.5}	<0.01	<0.01
WP-S2	Screen No. 2 (4)	PM	0.04	0.06
		PM ₁₀	0.01	0.02
		PM _{2.5}	<0.01	<0.01

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AL-S	Portable AgLime Screen (4)	PM	0.19	0.28
		PM ₁₀	0.07	0.10
		PM _{2.5}	<0.01	<0.01
PS-S	Portable Power Screen (4)	PM	0.56	0.83
		PM ₁₀	0.20	0.29
		PM _{2.5}	<0.01	<0.01

TRUCK
LOADING/UNLOADING
OPERATIONS

AP-T	Aggregate Plant (4)	PM	0.04	0.07
		PM ₁₀ /PM _{2.5}	0.02	0.03
WP-T	Wash Plant (4)	PM	0.03	0.04
		PM ₁₀ /PM _{2.5}	0.01	0.02
AL-T	Portable AgLime Plant (4)	PM	0.01	0.02
		PM ₁₀ /PM _{2.5}	0.01	0.01
PS-T	Portable Power Screen (4)	PM	0.03	0.05
		PM ₁₀ /PM _{2.5}	0.02	0.02
R-T	Rail Loadout (4)	PM	0.03	0.05
		PM ₁₀ /PM _{2.5}	0.02	0.02

OVERALL
PLANT
OPERATIONS

MHFUG	Aggregate Handling (4,5)	PM	5.96	8.83
		PM ₁₀	2.18	3.24
		PM _{2.5}	0.17	0.26
SPFUG	Stockpiles (4)	PM	-.--	3.87
		PM ₁₀	-.--	1.94
		PM _{2.5}	-.--	0.29

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Engine/Generator (6,7)	NO _x	10.49	15.55
	CO	2.26	3.35
	SO ₂	0.69	1.02
	PM ₁₀ /PM _{2.5}	0.74	1.09
	VOC	0.86	1.27

- (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
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.
- (5) Includes EPNs AP, WP, AL, PS and R
- (6) Engine/Generator emissions are based on combined fuel usage of 50,000 gallons/year
- (7) Engine/Generator sets permitted are:
 - 45-hp Portable AgLime Plant Duetz Diesel
 - 65-hp Power Screen Duetz Diesel

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

2010

Dated December 20,