

## 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	0.18	0.27
		PM <sub>10</sub>	0.09	0.13
AP-C2	Secondary Crusher (4)	PM	0.76	1.12
		PM <sub>10</sub>	0.36	0.53
WP-C	Wash Plant Tertiary Crusher (4)	PM	0.06	0.09
		PM <sub>10</sub>	0.03	0.04
<u>SCREENING OPERATIONS</u>				
AP-S	Aggregate Plant Screen (4)	PM	0.26	0.39
		PM <sub>10</sub>	0.13	0.19
WP-S1	Wash Plant Wet Screening (4)	PM	0.02	0.03
		PM <sub>10</sub>	0.01	0.01
WP-S2	Screen No. 2 (4)	PM	0.03	0.05
		PM <sub>10</sub>	0.02	0.02
AL-S	Portable AgLime Screen (4)	PM	0.24	0.35
		PM <sub>10</sub>	0.11	0.17
PS-S	Portable Power Screen (4)	PM	0.71	1.05
		PM <sub>10</sub>	0.34	0.50

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TRUCK  
LOADING/UNLOADING  
OPERATIONS

AP-T	Aggregate Plant (4)	PM	0.03	0.05
		PM <sub>10</sub>	0.02	0.02
WP-T	Wash Plant (4)	PM	0.03	0.04
		PM <sub>10</sub>	0.01	0.02
AL-T	Portable AgLime Plant (4)	PM	0.01	0.02
		PM <sub>10</sub>	0.01	0.01
PS-T	Portable Power Screen (4)	PM	0.03	0.05
		PM <sub>10</sub>	0.02	0.02
R-T	Rail Loadout (4)	PM	0.03	0.05
		PM <sub>10</sub>	0.02	0.02
MHFUG	Aggregate Handling (4, 5)	PM	4.58	6.79
		PM <sub>10</sub>	2.21	3.28
SPFUG	Stockpiles (4)	PM	-.--	3.71
		PM <sub>10</sub>	-.--	1.85
	Engine/Generator (6, 7)	NO <sub>x</sub>	10.49	15.55
		CO	2.26	3.35
		SO <sub>2</sub>	0.69	1.02
		PM <sub>10</sub>	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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

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NO <sub>x</sub>	-	total oxides of nitrogen
SO <sub>2</sub>	-	sulfur dioxide
PM	-	particulate matter, suspended in the atmosphere, including PM <sub>10</sub>
PM <sub>10</sub>	-	particulate matter equal to or less than 10 microns in diameter
CO	-	carbon monoxide

- (4) Fugitive emissions are an estimate only.
- (5) Aggregate handling emissions combine material transfer through entire facility.
- (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

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

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

9.5 Hrs/day, 6 Days/week, 52 Weeks/year or 2,964 Hrs/year

Primary Crusher (AP-C1)	1,000 Tons/hour	2,964,000 Tons/year
Secondary Crusher (AP-C2)	1,000 Tons/hour	2,964,000 Tons/year
Tertiary Crusher (WP-C)	120 Tons/hour	355,680 Tons/year
Total Facility		2,964,000 Tons/year