

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 29411

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	ton/yr	
001	Truck Hauling Material	PM			0.14
002	Truck Unloading	PM	0.018		0.0054
003	Wind Erosion, 1st Large Stockpile	PM			0.055
004	Front-End Loader Pick Up	PM	1.05		0.54
005	Front-End Loader Drop Materials into Feeder	PM	0.32		0.16
006	Feeder Drop to Conveyor	PM	0.027		0.014
007	1st Section Conveyor	PM	0.119		0.06
008	Drop to Jaw Crusher	PM	0.27		0.014
009	Primary Jaw Crusher	PM	1.47		0.76
010	Drop, Crusher to Conveyor	PM	0.027		0.014
011	2nd Section Conveyor	PM	0.119		0.06
012	Conveyor Drop to Small Stockpile	PM	0.027		0.014
013	Small Stockpile Wind Erosion	PM			0.027

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Emission Rates* ton/yr	Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission lb/hr	
014		Front-End Loader Collect Material	PM	1.05	0.54
015		Front-End Loader Unload Material to Storage	PM	1.05	0.54
016		2nd Large Stockpile Wind Erosion	PM		0.105
017		Front-End Loader Collect Material	PM	1.05	0.54
018		Front-End Loader Unload Material into Feeder	PM	0.32	0.16
019		Feeder Drop Material to Conveyor	PM	0.078	0.014
020		3rd Section Conveyor	PM	0.119	0.06
021		Drop to Feeder	PM	0.078	0.014
022		Baghouse Exhaust Pulse-Jet	PM	3.0	5.4
023		Baghouse Exhaust Vent	PM	2.4	4.32
024		Cyclone	PM	<0.01	<0.01
025		Raymond Mill	PM	<0.01	<0.01
026		Burner	NO _x	1.0	3.12
			CO	0.21	0.66
			SO ₂	0.02	0.08
			VOC	0.01	0.02

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Emission Rates* ton/yr	Source Point No. (1)	Name (2)	Air Contaminant Name (3)	<u>Emission</u> lb/hr
			PM	0.12
027		Bulk Storage Tank	PM	0.28
028		Stack Hopper	PM	2.4

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) PM - particulate matter

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

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

Stockpiles:

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

All Other Sources at Plant Including Crusher, Mill, and Burner:

Hrs/day Days/week Weeks/year or Days/year 312

Dated