

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 94699

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
3	Hammer Mill (5)	PM	< 0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
7	Triple Roll Crusher (5)	PM	< 0.01	< 0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
8	Scalping Screen (5)	PM	0.02	0.07
		PM <sub>10</sub>	0.01	0.02
		PM <sub>2.5</sub>	< 0.01	< 0.01
15	Mill 1 Dust Collector	PM	0.69	2.02
		PM <sub>10</sub>	0.51	1.48
		PM <sub>2.5</sub>	0.23	0.66
		SO <sub>2</sub>	< 0.01	< 0.01
		NO <sub>x</sub>	0.43	1.24
		CO	0.25	0.72
		VOC	0.03	0.10
21	Mill 2 Dust Collector	PM	0.69	2.02
		PM <sub>10</sub>	0.51	1.48
		PM <sub>2.5</sub>	0.23	0.66
		SO <sub>2</sub>	< 0.01	< 0.01
		NO <sub>x</sub>	0.43	1.24
		CO	0.25	0.72
		VOC	0.03	0.10
4	Roll Crusher/Collection Bin Dust Collector	PM	0.51	1.50
		PM <sub>10</sub>	0.51	1.50
		PM <sub>2.5</sub>	0.51	1.50

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
10, 11	Bagging Tanks 1 and 2 Dust Collectors	PM	0.03	0.10
		PM <sub>10</sub>	0.03	0.10
		PM <sub>2.5</sub>	0.03	0.10
16,17	Bagging Tanks 3 -4 Dust Collectors	PM	0.02	0.04
		PM <sub>10</sub>	<0.01	0.01
		PM <sub>2.5</sub>	<0.01	<0.01
22	Silos Dust Collector	PM	0.10	0.29
		PM <sub>10</sub>	0.02	0.05
		PM <sub>2.5</sub>	0.01	0.02
23	Loadout Dust Collector	PM	0.11	0.33
		PM <sub>10</sub>	0.11	0.33
		PM <sub>2.5</sub>	0.11	0.33
1,2, 4A, 4B, 5-6, 9,12-14, 18-20, 24-27, 31-32 & LDG	Material Handling(5)	PM	0.02	0.08
		PM <sub>10</sub>	0.01	0.03
		PM <sub>2.5</sub>	< 0.01	0.01
28	Diesel Engine Gen-Set	PM	0.03	0.09
		PM <sub>10</sub>	0.03	0.09
		PM <sub>2.5</sub>	0.03	0.09
		SO <sub>2</sub>	0.01	0.03
		NO <sub>x</sub>	9.64	28.08
		CO	0.67	1.96
		VOC	0.02	0.05
29	Diesel Fuel Tank	VOC	< 0.01	< 0.01
30	Propane Fuel Tank	VOC	0.06	0.27
STK	Stockpiles (5)	PM	--	0.90
		PM <sub>10</sub>	--	0.45
		PM <sub>2.5</sub>	--	0.07

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- (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)
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - CO - carbon monoxide
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code '101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Dated: February 28, 2012