

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 433

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)lb/hr	Emission Rates *	
			TPY	
1	Cement Silo Baghouse	PM ₁₀	0.007	0.011
2	Cement Silo Baghouse	PM ₁₀	0.007	0.011
3	Cement Bagger Baghouse	PM ₁₀	0.008	0.011
4	Cement Spill Hopper Baghouse	PM ₁₀	0.008	0.011
5	Sand Bagger Baghouse	PM ₁₀	0.019	0.022
6	Sand Silo Baghouse	PM ₁₀	0.019	0.022
7	Fly Ash Silo Baghouse	PM ₁₀	0.008	0.002
8	Concrete Mix/Bagger Baghouse	PM ₁₀	0.018	0.051
9	Cement Silo Baghouse	PM ₁₀	0.007	0.003
10	Cement Silo Baghouse	PM ₁₀	0.007	0.003
11	Conveyor Baghouse	PM ₁₀	0.017	0.049
12	Dryer Baghouse	PM ₁₀	0.018	0.051
		SO ₂	0.007	0.02
		NO _x	1.53	4.30
		CO	0.38	1.07
		VOC	0.06	0.17
FE5	Dryer Hopper (4)	TSP	0.07	0.21
		PM ₁₀	0.04	0.11

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)lb/hr	Emission Rates *	
			TPY	
FE1	Stockpiles (4)	TSP	0.44	0.68
		PM ₁₀	0.22	0.34
FE3	Roads (4)	TSP		1.75
		PM ₁₀		0.88
FE4	Rock Bagging (5)	TSP		0.0017
		PM ₁₀		<0.001

- (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) TSP - total suspended particulate matter, including PM₁₀
 PM₁₀ - particulate matter less than 10 microns
 VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.
- (5) Rock Bagging Line authorized by Standard Exemption No. 106.

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

Hrs/day 24 Days/week 6 Weeks/year 52 or Hrs/year 5,616

Cement Bagging Line: Maximum production of 60.0 tons per hour and 158,400 tons per year.

Sand and Fly Ash Bagging Line: Maximum production of 50.0 tons per hour of sand bagged and 25.0 tons per hour of fly ash bagged and a combined total of 39,400 tons per year of sand and fly ash bagged.

Concrete Mix Bagging Line: Maximum production of 55.0 tons per hour and 306,200 tons per year.

Dated _____