

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5168

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
DC 1		Blunger Dust Collector		PM ₁₀	0.15	0.64
DC 2		Pulverizer Dust Collector		PM ₁₀	0.22	0.98
DC 3		Weigh Hopper and Mixer Dust Collector		PM ₁₀	0.15	0.68
DC 4		Bag Hopper Dust Collector		PM ₁₀	0.26	1.13
BLR 1	Cleaver Brooks Boiler (Serial No. L-30300)			PM ₁₀	0.1	0.44
				SO ₂	0.01	0.02
				NO _x	0.84	3.68
				CO	0.18	0.77
				VOC	0.03	0.14
BLR 2	Cleaver Brooks Boiler (Serial No. L-63685)			PM ₁₀	0.1	0.44
				SO ₂	0.01	0.02
				NO _x	0.84	3.68
				CO	0.18	0.77
				VOC	0.03	0.14
BLR 3	Holman Boiler (Serial No. 8422)			PM ₁₀	0.18	0.78
				SO ₂	0.01	0.03
				NO _x	1.81	7.95
				CO	0.45	1.99
				VOC	0.04	0.16

- (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) PM₁₀ - particulate matter less than 10 microns in diameter

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SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in General Rule 101.1

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

Hrs/day___Days/week___Weeks/year___or Hrs/year 5,720

Bentonite: 1,120 lbs/hour 2,400 tons/year

Emission rates from the boilers are based on and the boilers are limited by the following maximum operating schedule:

Hrs/day___Days/week___Weeks/year___or Hrs/year 8,760

Dated_____