

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48923

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**			
EPNs 4A, 4B, and 24	Drop Point - Loader to Hooper (4)	PM	0.006	0.019
		PM ₁₀	0.003	0.009
EPNs 8B and 27	Drop Point - Dryer to Elav (4)	PM	0.522	1.613
		PM ₁₀	0.252	0.779
EPNs 5, 6, and 25A	Drop Point - Hopper to Conv (4)	PM	0.022	0.067
		PM ₁₀	0.009	0.027
EPNs 7A, 8A, and 25B	Drop Point - Conv to Dryer (4)	PM	0.022	0.067
		PM ₁₀	0.009	0.027
EPN 7B	Drop Point - Dryer to Conv (4)	PM	0.116	0.358
		PM ₁₀	0.056	0.173
EPN 7C	Drop Point - Conv to Cooler (4)	PM	0.116	0.358
		PM ₁₀	0.056	0.173
EPN 7D	Drop Point - Cooler to Elav Foundry Side (4)	PM	0.116	0.358
		PM ₁₀	0.056	0.173
EPN 19	Drop Point - Sacking Operation (4)	PM	0.087	0.269
		PM ₁₀	0.042	0.130
EPNs 9, 10, and 28	Drop Point - Elav to Screens (4)	PM	0.522	1.613
		PM ₁₀	0.252	0.779
EPNs 11-18, 29, and 30	Screen Decks (4)	PM	5.670	17.520
		PM ₁₀	2.700	8.343
EPNs 20, 21, and 31	Truck Loading	PM	0.038	0.117

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EPNs 1, 2, 3, and 23	Stockpiles (4)	PM ₁₀ 0.018	0.056	
		PM	-	1.60
		PM ₁₀ -	0.80	
EPNs 7A1, 8A1, and 26	Rotary Dryers	PM ₁₀	7.02	21.69
		VOC	0.05	0.14
		NO _x 0.81	2.50	
		SO ₂ 0.01	0.02	
		CO 0.68	2.10	
EPN 22	Drop Point - Unloading Slag	PM	0.003	0.008
		PM ₁₀ 0.001	0.004	

(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) PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall

be assumed that no particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions are an estimate.

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

_____ Hrs/day ____ Days/week ____ Weeks/year or ____ Hrs/year

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

Maximum hourly throughput of 180 tons and maximum annual throughput of 1,112,400 tons.

Maximum natural gas usage for the dryers: 8,091 scf/hr and 50,000,000 cf/yr.

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Dated September 10, 2002