

# 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 and 4B	Drop Point - Loader to Hooper (4)	PM	0.005	0.015
		PM <sub>10</sub>	0.002	0.007
EPN 8B	Drop Point - Dryer to Elav (4)	PM	0.406	1.255
		PM <sub>10</sub>	0.196	0.606
EPNs 5 and 6	Drop Point - Hopper to Conv (4)	PM	0.015	0.048
		PM <sub>10</sub>	0.007	0.021
EPNs 7A and 8A	Drop Point - Conv to Dryer (4)	PM	0.015	0.048
		PM <sub>10</sub>	0.007	0.021
EPN 7B	Drop Point - Dryer to Conv (4)	PM	0.116	0.358
		PM <sub>10</sub>	0.056	0.173
EPN 7C	Drop Point - Conv to Cooler (4)	PM	0.116	0.358
		PM <sub>10</sub>	0.056	0.173
EPN 7D	Drop Point - Cooler to Elav Foundry Side (4)	PM	0.116	0.358
		PM <sub>10</sub>	0.056	0.173
EPN 19	Drop Point - Sacking Operation (4)	PM	0.087	0.269
		PM <sub>10</sub>	0.042	0.130
EPNs 9 and 10	Drop Point - Elav to Screens (4)	PM	0.406	1.255
		PM <sub>10</sub>	0.196	0.607
EPNs 11-18	Screen Decks (4)	PM	4.410	13.627
		PM <sub>10</sub>	2.100	6.489
EPNs 20 and 21	Truck Loading (4)	PM	0.029	0.091

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			lb/hr	TPY**
EPNs 1, 2, 3, and 23	Stockpiles (4)	PM <sub>10</sub> 0.014	0.043	
		PM	-	1.530
		PM <sub>10</sub> -	0.765	
EPNs 7A1 and 8A1	Rotary Dryers	PM <sub>10</sub>	5.460	16.871
		VOC	0.031	0.096
		NO <sub>x</sub> 0.566	1.750	
		SO <sub>2</sub> 0.003	0.011	
		CO 0.476	1.470	
EPN 22	Drop Point - Unloading Slag	PM	0.003	0.008
		PM <sub>10</sub> 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 PM<sub>10</sub>.  
PM<sub>10</sub> - 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<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - 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:

20 Hrs/day    Days/week    Weeks/year or 6,180 Hrs/year

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

Maximum hourly throughput of 140 tons and maximum annual throughput of 865,200 tons.

Maximum natural gas usage for the dryers: 5,663 scf/hr and 35,000,000 cf/yr.

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			<u>lb/hr</u>	<u>TPY**</u>

Dated August 6, 2003