

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21343

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
101	Railcar Receiving Pit	PM	6.80	--
		PM ₁₀	1.00	--
105	Truck Receiving Pit Bag Filter System	PM ₁₀	0.86	--
130	Pneumatic Receiving Bag Filter System	PM ₁₀	0.05	
	Total Receiving Operations	PM	--	5.30
		PM ₁₀ --	0.78	
129	Mill Receiving Turnhead Bag Filter System	PM ₁₀	0.26	0.18
220	Pre-Grind Hammer Mill No. 1 Bag Filter System	PM ₁₀	0.30	0.78
219	Pre-Grind Hammer Mill No. 2 Bag Filter System	PM ₁₀	0.30	0.78
372	Post-Grind Hammer Mill No. 3 Bag Filter System	PM ₁₀	0.34	0.89
373	Post-Grind Hammer Mill No. 5 Bag Filter System	PM ₁₀	0.34	0.89
374	Post-Grind Hammer Mill No. 6 Bag Filter System	PM ₁₀	0.34	0.89
382	Mash Distributor Bag Filter System	PM ₁₀	0.17	0.45
452	Pellet Cooler Scrubber	PM ₁₀	2.00	6.24

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			lb/hr	TPY
224	Ground Grain Distributor Bag Filter System	PM ₁₀	0.17	0.45
602	Truck Loadout	PM	3.10	2.68
		PM ₁₀	1.04	0.90
707	350 HP Boiler No. 1	PM ₁₀	0.22	--
		VOC	0.16	--
		NO _x	2.93	--
		CO	2.46	--
		SO ₂	0.02	--
707	350 HP Boiler No. 2	PM ₁₀	0.22	--
		VOC	0.16	--
		NO _x	2.93	--
		CO	2.46	--
		SO ₂	0.02	--
	Total Boiler Operation	PM ₁₀	--	0.81
		VOC	--	0.59
		NO _x	--	10.65
		CO	--	8.95
		SO ₂	--	0.06

(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) 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.

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

CO - carbon monoxide

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

* Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>

Dated _____