

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 40853

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
9	Truck Receiving Pit	PM	0.69	0.63
		PM ₁₀	0.11	0.09
7	Railcar Receiving Pit No. 1	PM	0.99	
		PM ₁₀	0.15	
8	Railcar Receiving Pit No. 2	PM	0.99	
		PM ₁₀	0.15	
	Railcar Receiving Operations	PM		0.55
		PM ₁₀		0.07
2	Receiving Elevator No. 1 Bagfilter	PM ₁₀	0.17	0.19
3	Pneumatic Receiving System Bagfilter	PM ₁₀	0.05	0.02
11	Mash Elevator Leg Bagfilter	PM ₁₀	0.07	0.18
12	Lysine Bin No.21 Vent Filter	PM ₁₀	0.05	0.01
13	Lysine Bin No.22 Vent Filter	PM ₁₀	0.05	0.01
14	Limestone Bin No.3 Vent Filter	PM ₁₀	0.05	<0.01
15	Phosphate Bin No. 4 Vent Filter	PM ₁₀	0.05	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
16	Salt Bin No. 5 Vent Filter	PM ₁₀	0.05	0.01
4	Hammermilling System Bagfilter	PM ₁₀	0.72	3.15
5	Pellet Cooler Cyclone System	PM	7.50	17.55
		PM ₁₀	3.75	8.77
6	Pellet Cooler Cyclone System	PM	7.50	17.55
		PM ₁₀	3.75	8.77
10	Truck Loadout	PM	1.32	0.89
		PM ₁₀	0.32	0.21
17	500-Hp Boiler	PM ₁₀	0.21	0.90
		SO ₂	<0.01	0.04
		NO _x	2.10	9.20
		CO	0.52	2.30
		VOC	0.09	0.40

(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 - nitrogen oxides

CO - carbon monoxide

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

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

Dated _____