

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1913

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
1a	Truck Receiving Pit No. 1	PM	1.19	--
		PM ₁₀	0.18	--
1b	Railcar Receiving Pit	PM	1.19	--
		PM ₁₀	0.18	--
2	Truck Receiving Pit No. 2	PM	1.22	--
		PM ₁₀	0.18	--
3	Truck Receiving Pit No. 3	PM	1.02	--
		PM ₁₀	0.15	--
4	Truck Receiving Pit No. 4	PM	1.19	--
		PM ₁₀	0.18	--
21	Commodity Warehouse Receiving/Handling	PM	10.75	--
		PM ₁₀	3.63	--
	Total Receiving Operations	PM	--	5.83
		PM ₁₀	--	1.10
5	Hammermill and Rollermill Bagfilter	PM/PM ₁₀	0.30	1.12
6	Grain Cleaner Cyclones	PM/PM ₁₀	1.49	5.58
7	Roasters No. 1 and 2 Cyclone Stack	PM	0.45	1.12
		PM ₁₀	0.12	0.29
		SO ₂	0.01	0.02
		NO _x	1.00	2.50
		CO	0.84	2.10

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		VOC	0.06	0.14
8	Roaster Cooler Cyclone	PM/PM ₁₀	3.34	8.34
9	Pellet Cooler Cyclones	PM/PM ₁₀	1.10	4.11
22	Mineral Mixer Tank	PM	0.63	0.02
	Bin Vent	PM ₁₀	0.16	0.01
11	Truck Loadout No. 1	PM	0.03	--
		PM ₁₀	0.01	--
12	Truck Loadout No. 2	PM	0.03	--
		PM ₁₀	0.01	--
13	Truck Loadout No. 3a	PM	0.05	--
		PM ₁₀	0.01	--
14	Truck Loadout No. 3b	PM	0.05	--
		PM ₁₀	0.01	--
15	Truck Loadout No. 4	PM	0.05	--
		PM ₁₀	0.01	--
10	Truck Loadout No. 5	PM	0.23	--
		PM ₁₀	0.06	--
17	Truck Loadout No. 6	PM	0.17	--
		PM ₁₀	0.04	--
18	Truck Loadout No. 7	PM	0.17	--
		PM ₁₀	0.04	--
19	Truck Loadout No. 8	PM	0.17	--
		PM ₁₀	0.04	--
16	Truck Loadout No. 9	PM	0.24	--
		PM ₁₀	0.06	--
	Total Loadout Operations	PM	--	0.89
		PM ₁₀	--	0.22
20	100-HP Boiler	PM/PM ₁₀	0.03	0.10
		SO ₂	<0.01	0.01

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NO _x	0.42	1.31
CO	0.35	1.10
VOC	0.02	0.07

- (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
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 Conditions for throughput limitations and basis of emission rates.

Dated August 18, 2009