

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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)	Emission Rates *	
			lb/hr	TPY
9	Truck Receiving Pit	PM	4.76	--
		PM ₁₀	0.70	--
7	Railcar Receiving Pit No. 1	PM	6.80	--
		PM ₁₀	1.00	--
8	Railcar Receiving Pit No. 2	PM	6.80	--
		PM ₁₀	1.00	--
	Total Receiving Operations	PM	--	5.10
		PM ₁₀	--	0.75
2	Receiving Elevator Bagfilter	PM/PM ₁₀	0.08	0.34
11	Mash Elevator Leg Bagfilter	PM/PM ₁₀	0.08	0.33
12	Bin No. 21 Bagfilter	PM	0.11	--
		PM ₁₀	0.07	--
13	Bin No. 22 Bagfilter	PM	0.11	--
		PM ₁₀	0.07	--
14	Bin No. 3 Bagfilter	PM	0.21	--
		PM ₁₀	0.13	--
15	Bin No. 4 Bagfilter	PM	0.11	--
		PM ₁₀	0.07	--
16	Bin No. 5 Bagfilter	PM	0.21	--
		PM ₁₀	0.13	--
	Total Bin Handling Operations	PM	--	0.07

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		PM ₁₀	--	0.05
4	Hammermilling System Bagfilter	PM/PM ₁₀	0.72	3.12
5	Pellet Cooler System No. 1 Cyclone	PM PM ₁₀	7.50 3.75	17.55 8.78
6	Pellet Cooler System No. 2 Cyclone	PM PM ₁₀	7.50 3.75	17.55 8.78
10	Truck Loadout	PM PM ₁₀	1.32 0.32	0.86 0.21
17	350-HP Boiler	PM/PM ₁₀ SO ₂ NO _x CO VOC	0.11 0.01 1.44 1.21 0.08	0.48 0.04 6.31 5.30 0.35

- (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 and PM_{2.5}
- PM₁₀ - particulate matter equal to or less than 10 microns in diameter
- PM_{2.5} - particulate matter equal to or less than 2.5 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 January 15, 2010