

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, sources, and related activities. 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 (4) *	
			lbs/hour	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	0.30	1.12
		PM ₁₀	0.30	1.12
6	Grain Cleaner Cyclones	PM	1.49	5.58
		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
		VOC	0.06	0.14
8	Roaster Cooler Cyclone	PM	3.34	8.34
		PM ₁₀	3.34	8.34
9	Pellet Cooler Cyclones	PM	1.10	4.11

Emission Sources - Maximum Allowable Emission Rates

		PM ₁₀	1.10	4.11
22	Mineral Mixer Tank Bin Vent	PM	0.63	0.02
		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	0.03	0.10
		PM ₁₀	0.03	0.10
		SO ₂	< 0.01	0.01
		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 (EPN) from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.

Emission Sources - Maximum Allowable Emission Rates

- (3) CO - carbon monoxide
- NO_x - total oxides of nitrogen
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- SO₂ - sulfur dioxide
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

* Refer to special conditions for throughput limitations and basis of emission rates.

Date: May 21, 2013