

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	Receiving Pit No. 1 (Truck)	PM	1.19	---
		PM ₁₀	0.18	---
1b	Receiving Pit No. 2 (Rail)	PM	2.24	---
		PM ₁₀	0.55	---
2	Receiving Pit No. 3 (Truck)	PM	1.22	---
		PM ₁₀	0.18	---
3	Receiving Pit No. 4 (Truck)	PM	1.02	---
		PM ₁₀	0.15	---
4	Receiving Pit No. 5 (Truck)	PM	1.19	---
		PM ₁₀	0.18	---
21	Commodity Warehouse	PM	2.13	---
		PM ₁₀	0.31	---
	Total Receiving Operations	PM	---	4.18
		PM ₁₀	---	0.65
5	Hammermill and Rollermill Bagfilter	PM ₁₀	0.36	1.35
6	Grain Cleaner Cyclones	PM	1.86	6.98
		PM ₁₀ 0.47	1.77	

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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>
7	Roasters No. 1 and 2 Stack	PM	0.51	1.28
		PM ₁₀	0.11	0.27
		SO ₂	0.01	0.02
		NO _x	0.98	2.45
		CO	0.82	2.06
		VOC	0.07	0.14
8	Roaster Cooler Cyclone	PM	0.44	1.10
		PM ₁₀	0.11	0.28
9	Pellet Cooler Cyclones	PM	1.10	4.11
22	Mineral Tank Bin Vent Filter	PM	0.63	0.02
		PM ₁₀	0.16	0.01
11	Loadout No. 1	PM	0.03	---
		PM ₁₀	0.01	---
12	Loadout No. 2	PM	0.03	---
		PM ₁₀	0.01	---
13	Loadout No. 3a	PM	0.05	---
		PM ₁₀	0.01	---
14	Loadout No. 3a	PM	0.05	---
		PM ₁₀	0.01	---
15	Loadout No. 4	PM	0.05	---
		PM ₁₀	0.01	---
10	Loadout No. 5	PM	0.23	---
		PM ₁₀	0.06	---
17	Loadout No. 6	PM	0.16	---
		PM ₁₀	0.04	---

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			<u>lb/hr</u>	<u>TPY</u>
18	Loadout No. 7	PM	0.17	---
		PM ₁₀	0.04	---
19	Loadout No. 8	PM	0.17	---
		PM ₁₀	0.04	---
16	Loadout No. 9	PM	0.24	---
		PM ₁₀	0.06	---
	Loadout Operations	PM	---	0.83
		PM ₁₀	---	0.20
20	Boiler	PM	0.03	0.10
		SO ₂	0.01	0.01
		NO _x	0.41	1.29
		CO	0.35	1.08
		VOC	0.02	0.07

(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.

Dated March 11, 2005