

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 5998

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**
1	Receiving Operations (4)	PM PM ₁₀ 3.75	25.50 1.18	7.99
2	Storage Tank Bag Filter 1 (5)	PM ₁₀	0.34	1.50
3	Storage Tank Bag Filter 2 (5)	PM ₁₀	0.34	1.50
4	Storage Tank Bag Filter 3 (5)	PM ₁₀	0.34	1.50
5	Storage Tank Bag Filter 4 (5)	PM ₁₀	0.34	1.50
6	Hammer Mill Bag Filter 1	PM ₁₀	0.36	0.89
7	Hammer Mill Bag Filter 2	PM ₁₀	0.36	0.89
8	Hammer Mill Bag Filter 3	PM ₁₀	0.36	0.89
9	Hammer Mill Bag Filter 4	PM ₁₀	0.36	0.89
10	Ground Grain Conveyor Bag Filter (5)	PM ₁₀	0.52	2.25
11	Soft Stock Conveyor Bag Filter (5)	PM ₁₀	0.52	2.25
12	Mixer Bag Filter (6)	PM ₁₀	0.52	1.82
13	Pellet Cooler Cyclone 1	PM	9.00	26.23
13A	Pellet Cooler Cyclone 2	PM	9.00	24.00

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
13B	Pellet Cooler Cyclone 3	PM	3.00	8.74
13C	Pellet Cooler Cyclone 4	PM	3.00	8.74
13D	Pellet Cooler Cyclone 5	PM	3.00	8.74
14	Finished Product Storage Bag Filter (5)	PM ₁₀	0.26	1.13
15	Loadout 1 (4)	PM	0.50	0.96
		PM ₁₀	0.12	0.23
15A	Loadout 2 (4)	PM	0.40	0.77
		PM ₁₀	0.10	0.19
16	Boiler (6)	PM ₁₀	0.37	1.30
		SO ₂	0.29	0.11
		NO _x	6.78	24.00
		CO	4.07	14.38
		VOC	0.27	0.94

(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. 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

(4) Fugitive emissions are an estimate only.

(5) Emission rates are based on and the facilities are limited by the maximum operating schedule of

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8,760 hours per year.

- (6) Emission rates are based on and the facilities are limited by the maximum operating schedule of 7,080 hours per year.

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

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated March 18, 2005