

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number S-9716A

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	Baghouse (5)	PM/PM ₁₀	1.75	0.61
5	Mixing Tank Silver Blend (6)	VOC	0.15	0.01
6	Mixing Tank (7)	PM/PM ₁₀	5.30	0.44
		VOC 0.15	0.01	
7	Mixing Tank (7)	PM/PM ₁₀	5.30	0.39
		VOC 0.15	0.01	
8	Fugitives - Blending Area (4)	PM/PM ₁₀	4.80	0.84
9	Fan and Cyclone	PM/PM ₁₀	10.53	0.10
11	Reactor A (8)	PM/PM ₁₀	7.65	3.76
12	Reactor B (8)	PM/PM ₁₀	7.65	3.76
13	Fugitives - Reactor Area (4)	PM/PM ₁₀	0.96	0.47
14	Dryer Baghouse (8)	PM/PM ₁₀	1.00	0.24
15	Dryer Stack (8)	PM/PM ₁₀	0.01	0.01
		SO ₂ 0.01	0.01	
		CO 0.01	0.01	
		VOC 0.01	0.01	
		NO _x 0.07	0.02	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
16	Fugitives - Dryer Area (4)	PM/PM ₁₀	24.00	5.76
17	Fugitives - Bagging Area (4)	PM/PM ₁₀	10.00	2.40
18	Lignite Tank	PM/PM ₁₀	10.00	1.25
19	Fugitives - Lignite Area (4)	PM/PM ₁₀	7.50	3.75

(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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

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.

CO - carbon monoxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Maximum operating hours shall be 702 hours per year.

(6) Maximum operating hours shall be 146 hours per year.

(7) Maximum operating hours shall be 168 hours per year.

(8) Maximum operating hours shall be 2000 hours per year.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____ Hrs/day _____ Days/week _____ Weeks/year or 8,760 Hrs/year

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

Dated May 2, 2003