

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9214

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
MBS-13	Dryer Heater	CO	0.03	0.14
		NO _x	0.15	0.66
		PM	0.02	0.08
		SO ₂	<0.01	<0.01
		VOC	0.01	0.04
MBS-14	Cyclone	PM	0.23	1.02
MBS Silo	Silo	PM	0.05	0.22
PG-1 Use Only	SO ₂ Scrubber		For	Emergency
SA-1	Soda Ash Baghouse	PM	1.13	1.03
ST-1	Caustic Scrubber	PM	0.03	0.14
		SO ₂	2.46	10.80
ST-2	Sulfite Reactors R-301A/601A/B	SO ₂	0.94	4.10
ST-3	Sulfur Tank 203	H ₂ S	0.05	0.02
		PM	0.03	0.02
		SO ₂	0.08	0.04
		VOC	0.06	0.03
ST-4	Digester D-303A,B	PM	0.70	0.50
ST-5	Digester D-302-A	PM	0.70	0.50
ST-9	Digester Tank TK-609	PM	0.01	0.01

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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>
ST-10	Storage Tank TK-610	PM	0.01	0.01
STS Hop	Penta Packing Hopper	PM	0.08	0.01
ST-8	Process Fugitives (4)	SO ₂	1.20	5.36

(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) CO - carbon monoxide

NO_x - nitrogen oxides

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to 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

VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1.

H₂S - hydrogen sulfide

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

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

24 Hrs/day 7 Days/week 52 Weeks/year

Dated December 29, 2000