

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
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 203B	H ₂ S	0.08	0.06
		PM	0.03	0.02
		SO ₂	0.08	0.06
		VOC	0.06	0.04
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
ST-10	Storage Tank TK-610	PM	0.01	0.01
ST-8	Process Fugitives (4)	SO ₂	1.48	6.57

ST-11	Boiler		PM	0.06	0.28
			SO ₂	0.01	
			VOC	0.21	
			NO _x	1.16	
			CO	0.46	
ST-12	Boiler BL-1		VOC	0.10	0.36
			NO _x	0.58	
			CO	0.26	
			SO ₂	0.01	
ST-13	Boiler BL-2		VOC	0.10	0.36
			NO _x	0.58	
			CO	0.26	
			SO ₂	0.01	

- (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 Title 30 Texas Administrative Code § 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

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

Dated October 29, 2004