

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2507A

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**
45FUG	Amine Unit Fugitives (4)	VOC	0.32	1.39
		H ₂ S	0.15	0.66
45AFUG	SWS Unit Fugitives (4)	VOC	<0.01	<0.01
		H ₂ S	0.04	0.19
		NH ₃	0.03	0.14
46FUG	SRU Unit Fugitives (4)	H ₂ S	0.33	1.46
		SO ₂	0.08	0.37
45FB6001	Fresh MEA Storage	MEA	0.20	<0.01
45FB6002	Process MEA Storage	MEA	0.17	<0.01
90FB808	Process MEA Storage	MEA	0.42	0.01
45GG2062	Compressor Engine	VOC	0.31	1.36
		NO _x	4.63	20.28
		CO	6.94	30.42
		SO ₂	0.15	0.68
		PM ₁₀	0.20	0.89
30FL1, 30FL2, 30FL5	Flares	VOC	1.36	5.96
		H ₂ S	0.07	0.32
		NO _x	0.26	1.15
		CO	1.34	5.85
		SO ₂	6.75	29.58

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lb/hr	TPY**
46CB6301	Tail Gas Incinerator	VOC	3.94	3.28
		H ₂ S	0.60	2.41
		NH ₃	<0.01	<0.01
		NO _x	6.71	28.04
		CO	7.32	32.07
		SO ₂	237.57	1003.41
		PM ₁₀	0.05	0.21
46LO6201	Sulfur Loading	H ₂ S	0.03	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) VOC - volatile organic compounds as defined in General Rule 101.1
H₂S - hydrogen sulfide
NH₃ - ammonia
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
PM₁₀ - particulate matter (PM) 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 in emitted.
MEA - monoethanolamine
- (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:

_____Hrs/day _____Days/week _____Weeks/year or 8,760 Hrs/year

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

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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>

Date_____