EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6059

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
T1	Tail Gas Incinerator	VOC	0.05	0.22
		NO_x	2.18	9.55
		SO_2	7.29	31.93
		PM_{10}	0.25	1.10
		H_2S	0.16	0.70
		CO	15.96	69.90
		H_2SO_4	1.03	4.51
T202	Tank 202	VOC	0.27	0.77
		NH_3	<0.01	<0.01
		H_2S	<0.01	<0.01
D48	Tank D48	VOC	0.14	0.02
F-PSRU	SRU Fugitives	VOC	0.22	0.97
		H_2S	0.343	1.48
		MDEA (4)	0.03	0.14
		NH_3	0.06	0.25
		S (vapor)	<0.01	<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.

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(3)   VOC   -   volatile organic compounds
   as defined in 30 Texas Administrative Code Section 101.1
   NO_x - total oxides of nitrogen
   SO_2 - sulfur dioxide
   PM_{10} - 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 than 10 microns is
      emitted.
   H_2S - hydrogen sulfide
   CO   - carbon monoxide
   H_2SO_4 - sulfuric acid
   NH_3 - anhydrous ammonia
   S   - sulfur
   MDEA   - methyldiethanolamine
(4)   MDEA is not included in VOC 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 Hrs/year __
8,760____

                                                   Dated_____