EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 19005 and PSD-TX-753

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**
367	Main Stack	NO_x	12.31	53.9
		SO_2	130.0	497.6
		H_2SO_4	4.39	19.2
368	No. 1 Preheater	NO_x	5.6	24.5
		SO_2	0.1	0.55
		PM	0.04	0.18
		CO	1.6	6.1
369	No. 2 Preheater	NO_x	3.8	16.4
		SO_2	0.1	0.55
		PM	0.04	0.18
		CO	1.6	6.1
370	Start-Up Stack (4)	VOC	0.33	0.05
		NO_x 5.89	0.79	
		SO_2	0.05	0.01
		PM	0.45	0.06
		CO	4.95	0.66
371	Oleum Tank Scrubber Vent	H_2SO_4	0.0005	0.002

(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 area name or fugitive source name.
(3) VOC   -   volatile organic compounds as defined in 30 Texas Administrative Code § 101.1
   PM   –   particulate matter, suspended in the atmosphere, including PM_{10}
   PM_{10} –   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.
   NO_x -   total oxides of nitrogen

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SO_2 -   sulfur dioxide
CO   -   carbon monoxide
H_2SO_4 -   sulfuric acid mist

(4)   Emission rates for the Start-Up Stack (Emission Point No. 370) are based on and the facility is limited by a maximum operating schedule of 400 hrs/year.

*   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

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

Dated_____