EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 24464

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)	Name (3)	Air Contaminant	lb/hr	Emission Rates * TPY
S-5A	N. Methane Heater A		NO_x	0.11	0.46
			SO_2	0.02	0.07
			CO	0.02	0.10
			PM_{10}	0.01	0.06
			VOC	<0.01	0.04
S-5B	N. Methane Heater B		NO_x	0.11	0.46
			SO_2	0.02	0.07
			CO	0.02	0.10
			PM_{10}	0.01	0.06
			VOC	<0.01	0.04
S-6A	N. Sulfur Heater A		NO_x	0.63	2.77
			SO_2	0.09	0.39
			CO	0.13	0.58
			PM_{10}	0.08	0.33
			VOC	0.05	0.20
S-6A	N. Sulfur Heater B		NO_x	0.63	2.77
			SO_2	0.09	0.39
			CO	0.13	0.58
			PM_{10}	0.08	0.33
			VOC	0.05	0.20
P-FLR	Flare		VOC	0.42	0.18
			NO_x	0.02	0.01
			CO	0.07	0.03
			SO_2	35.40	15.10
F-80	Fugitives (4)		CS_2	0.99	4.35
			COS	<0.01	<0.01

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H_2S 0.17   0.75

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(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) PM_{10} - particulate matter less than 10 microns in diameter
        VOC   - volatile organic compounds as defined in General Rule 101.1
        NO_x - total oxides of nitrogen
        SO_2 - sulfur dioxide
        CO   - carbon monoxide
        CS_2 - carbon disulfide
        COS   - carbonyl sulfide
        H_2S - 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:

        Hrs/day____Days/week____Weeks/year____or Hrs/year_8,760_

                                        Dated _____