

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

2691

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		Air Contaminant		Emission Rates *	
	Name (2)	Name (3)	lb/hr	TPY		
149FN1	DPG Reformer		NOx		121.2	530.9
			CO		1.98	8.7
			PM		3.6	15.8
			VOC		0.34	1.5
149FN2	Selas Reformer and GE Turbine		NOx (5)		61.88	271.0
			CO		5.69	24.9
			SO2		0.15	0.7
			PM		3.07	13.5
			VOC		1.16	5.1
149FL1	Flare		NOx		0.05	0.2
			CO		0.26	1.1
			SO2		0.01	0.04
			VOC		<0.01	0.03
149V389	Tank		VOC		0.28	0.6
149V323	Tank		VOC		0.21	0.3
149V2475	Tank		VOC		0.34	0.9
149V2455	Tank		VOC		0.12	0.5
149V2458	Tank		VOC		0.14	0.3
149V774	Tank		VOC		0.19	0.4
149V386	Tank		VOC		0.28	0.6

149V1365	Guard Bed	H2S	0.39	0.2
149V1366	Guard Bed	H2S	0.39	0.2
149V2350	Guard Bed	H2S	1.12	4.9

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
149V2351	Guard Bed	H2S	1.12	4.9
FUG	Fugitives (4)	CO	0.13	0.6
		VOC	0.74	3.2

- (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 - particulate matter
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
H2S - hydrogen sulfide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The NOx emission rates listed above shall be effective after June 1, 1994. Prior to this date the maximum allowable emission rate shall be 68.18 lb/hr and 298.6 TPY.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

