

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1235

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		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
SR5 Stack	Sulfur Recovery Unit 5 Stack				NO <sub>x</sub> (a)	46.51
					CO(a)	50.17
					VOC(a)	0.91
					PM <sub>10</sub> (a)	2.12
					H <sub>2</sub> S(a)	6.13
					SO <sub>2</sub> (a)	779.0
					NO <sub>x</sub> (b)	46.10
					CO(b)	49.95
					VOC(b)	0.90
					PM <sub>10</sub> (b)	2.10
					H <sub>2</sub> S(b)	6.11
					SO <sub>2</sub> (b)	474.7
					SO <sub>2</sub> (c)	91.0
					SO <sub>2</sub> (d)	959.4
SR5FUG	Sulfur Recovery Unit 5 Fugitives (4)				H <sub>2</sub> S	0.22
					VOC	0.31
					SO <sub>2</sub>	<0.01
					S	<0.01
SR5PIT	Sulfur Storage				H <sub>2</sub> S	1.05
SS388	DIPA Tank				VOC	<0.005

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (2) Specific point source name. For fugitive sources use area name or fugitive source name.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (3) PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
H<sub>2</sub>S - hydrogen fluoride  
S - sulfur
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (a) Prior to June 1, 1995.  
(b) After June 1, 1995.  
(c) While the SCOT Unit is operational.  
(d) While the SCOT Unit is not operational.

\* 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

Dated \_\_\_\_\_