

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

69A

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
G-A-3	Loading	VOC	0.56	0.09
G-D-O	Dry DEA Flare	VOC	0.04	0.01
		NO <sub>x</sub>	1.61	0.49
		CO	8.21	2.50
G-D-1	Wet DEA Flare	VOC	80.00	57.86
		NO <sub>x</sub>	5.24	3.62
		CO	37.8	26.13
G-E-1	Stripper Vent	VOC	0.33	0.22
G-E-2	Overhead Drum Vent	VOC	0.42	0.93
G-E-3	Neutralizer Vent	VOC	<0.01	<0.01
G-G-3	Crude Storage	VOC	0.68	0.45
G-G-4	Recycle Storage	VOC	<0.01	<0.01
G-G-5	Recycle Storage	VOC	0.02	0.10
G-G-6	Sodium Aluminate Storage	VOC	<0.01	0.04
G-G-7	Sodium Aluminate Storage	VOC	0.03	0.12
G-G-8	Aniline Storage	VOC	0.77	0.53
G-G-9A	Product Storage	VOC	0.04	0.07

G-G-9B	Product Storage	VOC	0.04	0.07
G-G-9C	Product Storage	VOC	0.04	0.07

#### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY		
G-H-5	Aluminum Hydroxide Storage			VOC	<0.01	<0.01
G-I-4	Recycle Water Storage			VOC	<0.01	<0.01
G-GZ-0	Fugitives (4)			VOC	0.31	1.37
G-E-0	DF-1 Hotwell			VOC	0.9	3.6

- (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) VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide
- (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\_\_\_\_\_