

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19797

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		
A	Flare			VOC	1.61	0.60
				MeCl	0.03	<0.01
				HCl	1.13	0.11
				CO	1.77	4.38
				NOx	0.35	0.86
C	Flare			VOC	0.75	0.34
				CO	1.52	6.60
				NOx	0.35	1.50
H	Scrubber			VOC	<0.01	<0.01
				HCl	0.58	0.02
TF1	MeCl Tank Adsorber			MeCl	0.40	0.02
TF4	HCl Tank Scrubber			HCl	0.68	<0.01
TF5	Acetic Acid Tank Scrubber			VOC	0.06	0.26
TF8	Methanol Tank			VOC	30.83	0.28
TF9	Storage Tank			VOC	20.21	0.80
TF10	Storage Tank			VOC	22.18	0.10
				MeCl	9.06	0.04
TF12	Acetone Tank Scrubber			VOC	0.01	1.56
Fug	Fugitives			VOC	4.15	11.00
				MeCl	1.19	3.13
				NH3	0.05	0.14

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
P1	Filter		PM	0.01
P2	Scrubber		PM	0.01
P3	Filter		PM	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
P4	Scrubber		PM	0.01 0.01
P5	Filter		PM	0.01 0.01

- (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  
CO - carbon monoxide  
MeCl - methylene chloride  
NH3 - ammonia  
HCl - hydrogen chloride

\* 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 \_\_\_\_\_