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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20621

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)	Emission Rates * lb/hr	TPY
SCR-900V	Scrubber	VOC	1.01	0.11
T901V	DMA Tank	DMA	<0.01	<0.01
T904V	Ester Tank	VOC	0.11	0.01
T906V	Catalyst Tank	CH_3OH	9.26	0.04
T908V	Acid Tank	H_2SO_4	<0.01	0.01
T912V	Product Tank	VOC	0.08	0.02
T913V	MeOH Feed Tank	CH_3OH	0.73	0.06
T914V	MeOH Chk Tank	CH_3OH	0.05	0.17
T916V	MeOH Store Tank	CH_3OH	0.73	0.06
T81V	LCFA Storage	Light Cut Fatty Acid	0.29	0.02

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
		Vapors		
T-17V	Caustic Tank	NaOH	0.08	<0.01
FU-1	DMA Unload/ Storage (4)	DMA	0.19	0.31
FU-2	Product Load/ Unload (4)	VOC	<0.01	<0.01
FU-900M	Process Area/ Storage (4)	MeOH	0.13	0.58
FU-900D	Process Area/ Storage (4)	DMA	0.05	0.20
T-41V	Tank T-41V	VOC	0.03	0.01
R900TL-1	Triazine Truck Loading	VOC	2.47	0.08
FU-900T	Triazine Process Fugitives	VOC	0.18	0.78
T-36U	TMAC Storage	TMAC	<0.01	<0.01
R-3V	Scrubber V-003	VOC	4.50	0.23
FU-R003	Process Fugitives	VOC	0.05	0.24
TL-3V	TMAC Truck Loading	TMAC	<0.01	<0.01
FU-RRT	Fugitives	TMA	<0.01	<0.01
AMDRI	TMAC Drumming	TMAC	<0.01	<0.01
FU-T4	Fugitives	MeCl	0.09	0.03

FU-R001	Fugitives	VOC	0.08	0.33

(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.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(3) CH_3OH - methyl alcohol
DMA - dimethylamine
H_2SO_4 - sulfuric acid
VOC - volatile organic compounds as defined in 30 TAC §101.1
MeOH - methanol
NaOH - sodium hydroxide
TMAC - tetra-methyl-ammonium chloride
TMA - trimethylamine
(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 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated May 10, 2001