

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)	<u>Emission Rates *</u>	
			lbs/hr	TPY
SCR-900V	Scrubber	CH ₃ OH	1.00	0.18
T-901	DMA Tank	DMA	<0.01	<0.01
T-904	Ester Tank	VOC	0.11	0.02
T-906	Catalyst Tank	CH ₃ OH	9.26	0.04
T-908	Acid Tank	H ₂ SO ₄	<0.01	<0.01
T-912	Product Tank	VOC	0.08	0.02
T-913	MeOH Feed Tank	CH ₃ OH	0.73	0.10
T-914	MeOH Chk Tank	CH ₃ OH	0.05	0.16
T-916	MeOH Store Tank	CH ₃ OH	0.73	0.10
T-81	LCFA Storage	Light Cut Fatty Acid Vapors	0.29	0.02
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/	Me(OH)	0.13	0.58

Storage (4)

FU-900D	Process Area/ Storage (4)	DMA	0.05	0.20
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- (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) CH₃OH - methyl alcohol
DMA - dimethylamine
H₂SO₄ - sulfuric acid
VOC - volatile organic compounds as defined in General Rule 101.1
MeOH - methanol
NaOH - sodium hydroxide
- (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_____