

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22197

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

<u>Emission Rates *</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>			<u>Name</u>
<u>(3)</u>	<u>lb/hr</u>	<u>TPY</u>		
FV05061400	SIR Vent Flare	VOC	1.32	5.28
		NH ₃	1.15	4.60
		CO	2.70	10.80
		NO _x	0.42	1.68
FV05023400	Proof Tank Vent Scrubber	TDA	<0.01	0.04
FV05021700	So-TDA Tank Scrubber	TDA	<0.01	<0.01
FV05021200	Vacuum Vent Scrubber	Toluidine	<0.01	0.03
FV05010900	Relief Column	VOC	<0.01	0.02
		TDA	<0.01	0.02
		Toluidine	<0.01	0.02
FV05025600	Catalyst Removal Vent Scrubber	VOC	0.10	0.44
FV05026200	TDA Truck Loading Rack Scrubber	TDA	0.03	0.14
FV05027600	Process Wastewater Scrubber	VOC	<0.01	<0.01
		TDA	<0.01	<0.01
		Toluidine	<0.01	<0.01
FV0502800	Wastewater Tank	VOC	<0.01	<0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Rates *	Source	Air Contaminant	Emission	
Point No. (1)	Name (2)		Name	
(3)	lb/hr	TPY		
	Scrubber	TDA	<0.01	<0.01
		Toluidine	<0.01	<0.01
FV72004800	TDA Railcar Loading	TDA	0.02	0.09
AREA-050	Fugitives (4)	VOC	0.41	1.64
		TDA	0.49	2.12
		DNT	0.13	0.87

(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

NH₃ - ammonia

CO - carbon monoxide

NO_x - oxides of nitrogen

TDA - toluene diamine

DNT - dinitrotoluene

(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 _____