

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
FV05010900	Relief Column	VOC	<0.001	<0.005
FV05021200	Vacuum Vent Scrubber	Toluidine	0.008	0.035
FV05021700	S.O. - TDA Tank Scrubber	TDA	0.001	0.004
FV05023400	Proof Tank Vent Scrubber	TDA	0.009	0.039
FV05027600	Process Wastewater Scrubber	Alcohol	0.101	0.442
		TDA	0.001	0.004
		Toluidine	0.001	0.004
FV05028000	Wastewater Tank Scrubber	Alcohol	0.001	0.004
		TDA	0.001	0.004
		Toluidine	0.001	0.004
FV05061400	SIR Vent Flare	Alcohol	1.32	5.78
		Acetone	0.85	3.72
		NH ₃	1.15	5.04
		CO	2.70	11.83
		NO _x	0.42	1.84
AREA-050	Fugitives (4)	Alcohol	0.410	1.796
		TDA	0.485	2.124
		DNT	0.130	0.569

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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) Alcohol - methanol or isopropanol
NH₃ - ammonia
CO - carbon monoxide
NO_x - oxides of nitrogen
VOC - volatile organic compounds defined in Title 30 Texas Administrative Code § 101.1.
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 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated May 27, 2004