

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 32718

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**
TKR1107	R-1107	VOC	0.02	0.10
TKR1125	R-1125	VOC	0.10	0.44
TKR1127	R-1127	VOC	0.01	0.01
TKR1129	R-1129	VOC	0.05	0.23
TKR1135	R-1135	VOC	0.10	0.40
TKR1137A	R-1137A	VOC	0.01	0.01
TKR1137B	R-1137B	VOC	0.01	0.01
TKR1138A	R-1138A	VOC	0.01	0.01
TKR1138B	R-1138B	VOC	0.01	0.01
TKR1144	R-1144	VOC	0.02	0.02
TKR1152	R-1152	VOC	0.01	0.05
TKR1155A	R-1155A	VOC	0.01	0.01
TKR1155B	R-1155B	VOC	0.01	0.01
TKR1157	R-1157	VOC	0.08	0.90
TKR1171B	R-1171B	VOC	0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
TKR1172	R-1172	Aniline	0.12	0.53
		Benzene	0.10	0.33
		Methanol	0.11	0.48
		Methylal	0.05	0.16
		Monochlorobenzene	0.19	0.26
		Toluene	0.05	0.16
		VOC 0.01	0.05	
KFUGVOC	K Plant Process Fugitives (4)	Carbon tetrachloride	0.05	0.22
		Phosgene	0.01	0.01
		VOC	2.50	10.93

- (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 Title 30 Texas Administrative Code § 101.1 unless the VOC is speciated.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions from Scrubber C-1113 are routed to the PSA Unit in Permit No. 1501A. The emission point number for the PSA Unit is SCRC1313-2.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year

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

Dated July 19, 2002