

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 22054

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				
SCRC1216	Tank Vent Scrubber C-1216	HCl	0.10	0.09
		VOC	0.01	0.01
SCRC1218	Tank Vent Scrubber C-1218	VOC	0.35	0.50
SCRC1313	C-1313 Scrubber Vent from PSA System	CCl ₄	0.09	0.07
		VOC (5)	0.90	1.00
TKR1207	Reflux Tank R-1207	VOC	0.42	0.42
TKR1225	Surge Tank R-1225	MDI	0.01	0.01
		VOC	1.66	1.03
TKR1225-1	Storage Tank R-1225-1	VOC	0.71	3.10
TKR1227	Decanter Tank R-1227	VOC	0.42	0.50
TKR1235	Side Cut Tank R-1235	VOC	1.10	0.01
TKR1237A	Rundown Tank R-1237A	MDI	0.01	0.01
TKR1237B	Rundown Tank R-1237B	MDI	0.01	0.01
TKR1243	Storage Tank R-1243	VOC	0.01	0.01
TKR1248A	Surge Tank R-1248A	VOC	0.07	0.02
TKR1248B	Surge Tank R-1248B	VOC	0.07	0.02
TKR1252	Storage Tank R-1252	VOC	0.02	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	
<u>TPY</u>				
TKR1257	Storage Tank R-1257	VOC	0.85	0.95
TKR1272	Jet Scrubber R-1272	VOC	0.63	0.86
TKR1281	Tank R-1281	VOC	0.01	0.02
TKR1282	Bottoms Tank R-1282	MDI	0.01	0.01
		VOC	0.40	0.36
LFUGHCL	L Plant HCl Process Fugitives (4)	HCl	0.07	0.30
LFUGVOC	VOC Fugitives (4)	VOC	1.64	7.18

(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) CCl₄ - carbon tetrachloride

HCl - hydrogen chloride

MDI - methylene diisocyanate

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Scrubber C-1313 is located on the M-Plant permitted by Permit Number 1501A. The emissions on this allowable table for this emission point cover only the contribution of L-Plant, Permit Number 22054.

* 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