

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
TKR1207	Reflux Tank R-1207		VOC		0.42	0.42
TKR1225	Surge Tank R-1225		VOC		6.364	8.001
			MDI		<0.001	<0.001
TKR1227	Decanter Tank R-1227		VOC		0.42	0.50
TKR1235	Side Cut Tank R-1235		VOC		6.50	5.00
TKR1237A	Rundown Tank R-1237A		MDI		<0.001	0.01
TKR1237B	Rundown Tank R-1237B		MDI		<0.001	0.01
TKR1248A	Surge Tank R-1248A		VOC		0.067	0.02
TKR1248B	Surge Tank R-1248B		VOC		0.067	0.02
TKR1252	Storage Tank R-1252		VOC		0.015	0.02
TKR1257	Storage Tank R-1257		VOC		0.85	0.95
TKR1272	Jet Scrubber R-1272		VOC		0.07	0.19
TKR1281	Tank R-1281		VOC		<0.001	0.02
TKR1282	Bottoms Tank R-1282		VOC		5.70	3.40
			MDI		<0.001	<0.001
SCRC1216	Tank Vent Scrubber C-1216		HCl		0.01	0.01
SCRC1218	Tank Vent Scrubber C-1218		VOC		0.35	0.50

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FUG-L-1	VOC Fugitives	VOC	2.45	10.70
FUG-L-2	Phosgene Fugitives	COCl ₂	<0.001	<0.001
SCRC1313	C-1313 Scrubber Vent from PSA System	VOC (5)	0.33	1.07

- (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
MDI - methylene diisocyanate
HCl - hydrogen chloride
COCl₂ - phosgene
- (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 No. 1501A. The emissions on this allowable table for this emission point cover only the contribution of L-Plant, Permit No. 22054.

- * 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 _____