

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1501A

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) <u>TPY</u>	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	
M-1355	H1355 Furnace	CO	0.73	3.20
		NO _x	0.97	4.25
		PM ₁₀	0.07	0.33
		SO ₂	0.01	0.01
		VOC	0.03	0.15
SCRC1313-2	C-1313 Scrubber Vent from PSA System	Monochlorobenzene	0.90	3.00
		CCl ₄	0.09	0.21
TKR1307	R-1307 Tank	VOC	0.03	0.15
TKR1325	R-1325 Tank	Monochlorobenzene	0.36	1.58
TKR1327	R-1327 Tank	VOC	0.01	0.01
TKR1335	R-1335 Tank	Monochlorobenzene	0.36	1.58
TKR1338	R-1338 Tank	VOC	0.01	0.03
TKR1343	R-1343 Tank	Monochlorobenzene	1.5	6.6
TKR1357	R-1357 Tank	VOC	0.12	0.51
TKR1372	R-1372 Scrubber	Aniline	0.03	0.13
		Benzene	0.10	0.33
		Methanol	0.03	0.13
		Methylal	0.05	0.16
		Monochlorobenzene	0.64	0.87
		Toluene	0.05	0.16

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	
TPY				
		Methylpropylbenzene	0.01	0.05
TKR1378	R-1378 Tank	NH ₃	0.01	0.01
		VOC	0.05	0.22
MFUGVOC	Process Fugitives (4)	CCl ₄	0.01	0.01
		VOC	1.88	8.23

(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

CO - carbon monoxide

NH₃ - ammonia

NO_x - total oxides of nitrogen

PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall

be assumed that no particulate matter greater than 10 microns in emitted.

SO₂ - sulfur dioxide

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.

* 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

Dated: July 12, 2002