

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 74529

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
TK-4420	Internal Floating Roof (IFR) Storage Tank 4420	VOC	1.05	0.22
TK-511	IFR Storage Tank 511	VOC	2.36	2.01
TK-512	IFR Storage Tank 512	VOC	4.14	4.01
TK-513	IFR Storage Tank 513	VOC	3.93	3.72
TK-514	IFR Storage Tank 514	VOC	4.14	4.01
TK-515	IFR Storage Tank 515	VOC	3.47	3.18
TK-516	IFR Storage Tank 516	VOC	4.58	4.49
TK-517	IFR Storage Tank 517	VOC	9.79	9.26
TK-518	IFR Storage Tank 518	VOC	6.26	5.84
TK-522	IFR Storage Tank 522	VOC	13.57	12.92
TK-523	IFR Storage Tank 523	VOC	13.55	12.91
TK-525	IFR Storage Tank 525	VOC	5.85	5.92
TK-519	Fixed Roof (FR) Diesel Storage Tank 519	VOC	16.99	3.42
TK-520	FR Diesel Storage Tank 520	VOC	16.99	4.25
TK-521	FR Diesel Storage Tank 521	VOC	16.99	4.14
TK-526	IFR Storage Tank 526	VOC	5.59	5.41
TK-527	IFR Storage Tank 527	VOC	5.59	5.41
GRP-PROD	Product Tanks Combined Emissions	VOC	---	73.74
TK-337-130	FR Additive Storage Tank 337-130	VOC	1.15	0.03
TK-337-133	FR Additive Storage Tank 337-133	VOC	0.74	0.02
TK-337-160	FR Additive Storage Tank 337-160	VOC	5.13	0.11
TK-337-163	FR Additive Storage Tank 337-163	VOC	0.43	0.01
GRPADD	Additive Tank Combined Emissions	VOC	---	0.16

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TK-WWATER	Wastewater Storage Tank	VOC	3.98	0.01
GRPRFLAND	IFR Roof Landing Combined Emissions	VOC	1196.28	13.57
GRPFUG	Equipment Leak Fugitives Combined Emissions (5)	VOC	0.17	0.67
LOADFUG	Loading Fugitives	VOC	18.30	5.09
VCU	Loading Rack Vapor Combustion Unit	CO	5.68	4.51
		NO <sub>x</sub>	2.27	1.61
		SO <sub>2</sub>	0.01	0.04
		VOC	7.49	4.31
OWS	Oil/Water Separator	VOC	3.60	0.10
Purge	Pipe Purging Activities	VOC	2.12	0.03
Sump	Sump Tank	VOC	0.12	0.10

- (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)
  - CO - carbon monoxide
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: January 13, 2017