

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 77468

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 (6)	
			lbs/hour	TPY (4)
Tank Farm Area 1				
TS-02	Tank TS-02 Vent	VOC	5.83	0.23
		IOC-U	0.16	0.02
TS-03	Tank TS-03 Vent	VOC	6.95	0.37
		IOC-U	0.19	0.04
TS-04	Tank TS-04 Vent	VOC	4.59	0.15
		IOC-U	0.13	0.02
TS-05	Tank TS-05 Vent	VOC	6.72	0.37
		IOC-U	0.18	0.04
TS-10	Tank TS-10 Vent	VOC	3.14	0.23
		IOC-U	0.09	0.02
TS-14	Tank TS-14 Vent	VOC	5.15	0.18
		IOC-U	0.14	0.02
TS-15	Tank TS-15 Vent	VOC	3.25	0.22
		IOC-U	0.09	0.02
TS-18	Tank TS-18 Vent	VOC	8.74	0.36
		IOC-U	0.24	0.04
Tank Farm Area 2				
TS-08	Tank TS-08 Vent	VOC	5.71	0.18
TS-17	Tank TS-17 Vent	VOC	6.50	0.18
TS-20	Tank TS-20 Vent	VOC	6.16	0.18

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			lbs/hour	TPY (4)
Tank Farm Area 4				
TS-01	Tank TS-01 Vent	VOC	8.97	0.50
TS-06	Tank TS-06 Vent	VOC	8.97	0.50
TS-07	Tank TS-07 Vent	VOC	8.97	0.50
TS-09	Tank TS-09 Vent	VOC	5.15	0.29
TS-11	Tank TS-11 Vent	VOC	4.37	0.18
TS-12	Tank TS-12 Vent	VOC	5.15	0.18
TS-13	Tank TS-13 Vent	VOC	5.15	0.18
TS-16	Tank TS-16 Vent	VOC	5.04	0.18
Tank Farm Area 7				
TC-05	Tank TC-05 Vent	IOC-U	<0.01	<0.01
Solvent 1TT	Solvent 1 Tank Truck Loading (5)	VOC	10.00	2.00
		IOC-U	1.00	1.00
Solvent 2TT	Solvent 2 Tank Truck Loading (5)	IOC-U	1.00	1.00
A/C TT	A/C Tank Truck Loading (5)	IOC-U	1.00	1.00
		IA	1.00	1.00
Solvent 1 Drum	Solvent 1 Drumming (5)	VOC	10.00	2.00
		IOC-U	1.00	1.00
Solvent 2 Drum	Solvent 2 Drumming (5)	IOC-U	1.00	1.00
A/C Drum	A/C Drumming (5)	IOC-U	1.00	1.00
		IA	1.00	1.00
Solvent 1 RR	Solvent 1 Rail Car Loading (5)	VOC	1.00	1.00
		IOC-U	1.00	1.00
Solvent 2 RR	Solvent 2 Rail Car Loading (5)	IOC-U	1.00	1.00
A/C RR	A/C Rail Car Loading (5)	IOC-U	1.00	1.00

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		IA	1.00	1.00
CAS	Carbon Adsorption System Stack	VOC	1.00	1.00
WS	Water Scrubber Stack ( Acid Truck Loading, Acid Drumming, and Tanks)	IA	1.00	1.00
FUG	Equipment Fugitives (5)	VOC	0.31	0.01
All Emission Points at the Site	All Sources at the Site	Individual HAP	---	<10.00
		Total HAP	---	<25.00

- (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  
IOC-U - inorganic compounds (unspeciated)  
IA - Inorganic Acids  
HAP - Hazardous Air Pollutant
- (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.
- (6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: May 31, 2017