

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Flexible Permit Number 70652

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**

VOC Cap

T101	Storage Tank No. 101
T102	Storage Tank No. 102
T103	Storage Tank No. 103
T104	Storage Tank No. 104
T105	Storage Tank No. 105
T106	Storage Tank No. 106
T107	Storage Tank No. 107
T108	Storage Tank No. 108
T109	Storage Tank No. 109
T111	Storage Tank No. 111
T112	Storage Tank No. 112
T113	Storage Tank No. 113
T114	Storage Tank No. 114
T115	Storage Tank No. 115
T116	Storage Tank No. 116
T117	Storage Tank No. 117
T118	Storage Tank No. 118
T119	Storage Tank No. 119
T121	Storage Tank No. 121
T122	Storage Tank No. 122
T123	Storage Tank No. 123
T125	Storage Tank No. 125
T126	Storage Tank No. 126
T127	Storage Tank No. 127
T128	Storage Tank No. 128
T129	Storage Tank No. 129
T130	Storage Tank No. 130
T132	Storage Tank No. 132
T133	Storage Tank No. 133
T134	Storage Tank No. 134

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
T135	Storage Tank No. 135			
T136	Storage Tank No. 136			
T137	Storage Tank No. 137			
T140	Storage Tank No. 140			
T141	Storage Tank No. 141			
T144	Storage Tank No. 144			
T147	Storage Tank No. 147			
T152	Storage Tank No. 152			
T153	Storage Tank No. 153			
T154	Storage Tank No. 154			
T156	Storage Tank No. 156			
T158	Storage Tank No. 158			
T159	Storage Tank No. 159			
T160	Storage Tank No. 160			
T161	Storage Tank No. 161			
T163	Storage Tank No. 163			
T164	Storage Tank No. 164			
T165	Storage Tank No. 165			
T168	Storage Tank No. 168			
T169	Storage Tank No. 169			
T171	Storage Tank No. 171			
T173	Storage Tank No. 173			
S-1	Silicone Storage Tank			
SB-1	Silicone Blend Tank No. 1 (Chemsil)			
B-1	Blend Tank No. 1 - Organic			
B-2	Blend Tank No. 2 - Organic			
B-3	Blend Tank No. 3 - Oil Field			
TRKLOAD1	Tank Truck Loading Losses			
TRKLOAD2	Silicone Truck Loading Losses			
RTO-1 (5)	Regenerative Thermal Oxidizer			
VACPMP	Drum Cleaning Vacuum Pump			
PAINT1	Drum Painting Booth			
PAINTFUG	Painting Fugitive Emissions			
FUG	Plant Fugitive Emissions			
VOC Cap for all sources:		VOC	165.98	10.72
B-1 (6)	Blend Tank No. 1 - Organic	Acetone	1.51	0.03

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			lb/hr	TPY**
B-2 (6)	Blend Tank No. 2 - Organic	Acetone	3.64	0.04
PAINT1 (6)	Drum Painting Booth	Acetone	0.48	0.36
		PM 0.02	0.02	
PAINTFUG (6)	Painting Fugitive Emissions	Acetone	0.39	0.29
RTO-1 (5)(6)	Regenerative Thermal Oxidizer	Acetone	2.86	0.05
		CO	2.85	
		NO _x	0.22	
		PM	0.02	
TRKLOAD1 (6)	Tank Truck Loading Losses	Acetone	2.86	0.02

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

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

NO_x - total oxides of nitrogen

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter 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 is emitted..

CO - carbon monoxide

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

(5) Storage Tanks 110, 120, 124, 131, 138, 139, 142, 143, 145, 146, 148, 149, 150, 151, 155, 157, 162, 166, 167, 170, and 172, and loading spots Truck Loading 1, Truck Loading 2, and Drum Loading 1 vent to the RTO all of the time.

(6) The VOC component of these sources is included in the VOC cap above.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

** Compliance with annual emission limits is based on a rolling 12-month period.

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			<u>lb/hr</u>	<u>TPY**</u>

24 Hrs/day 7 Days/week 52 Weeks/year or Hrs/year

Dated December 2, 2004