

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 33373

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)
T101	Tank 101	VOC	2.79	0.05
		HAP	2.79	0.05
T102	Tank 102	VOC	0.39	0.01
		HAP	0.39	0.01
T104	Tank 104	VOC	0.56	0.97
		HAP	0.13	0.16
T106	Tank 106	VOC	2.79	0.05
		HAP	2.79	0.05
T107	Tank 107	VOC	1.55	1.40
		HAP	0.46	0.23
T108	Tank 108	VOC	2.26	3.76
		HAP	0.56	0.61
T109	Tank 109	VOC	1.00	1.85
		HAP	0.24	0.30
T110	Tank 110	VOC	7.57	0.07
T122	Tank 122	VOC	8.63	1.84
		HAP	8.63	1.84
LR1	Vapor Recovery Unit	VOC	23.04	26.87
		HAP	3.75	4.41
F2	Uncollected Loading Emissions	VOC	30.96	36.11
		HAP	5.05	5.93
F1	Terminal Component Fugitives (5)	VOC	0.17	0.74
		HAP	0.05	0.20
F4	Wastewater Fugitives	VOC	0.08	0.17

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		HAP	0.08	0.17
VCU	Vapor Combustion Unit	VOC	20.45	23.90
		NOx	6.03	12.94
		CO	15.06	32.29
		HAP	0.29	3.99

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - HRVOC - highly reactive volatile organic compounds as defined in 30 TAC § 115.10
  - IOC-U - inorganic compounds (unspeciated)
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - CO - carbon monoxide
  - HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (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: May 8, 2017