

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 46637

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)
F1002	Dock 7 Piping Fugitives (5)	VOC	0.37	1.61
MEC7	Dock 7 MEC	VOC (6)	55.18	11.98
		Benzene	3.41	0.34
		NO <sub>x</sub>	15.69	22.61
		CO	11.77	16.96
		SO <sub>2</sub>	0.01	0.06
		PM	0.55	0.79
		PM <sub>10</sub>	0.55	0.79
		PM <sub>2.5</sub>	0.55	0.79
591	Dock 7 Loading Fugitives	VOC (6)	159.78	29.35
		Benzene	0.87	0.13

- (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
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - CO - carbon monoxide
  - PM - particulate matter emissions, as defined in Title 30 TAC § 101.1, including PM<sub>10</sub> and PM<sub>2.5</sub>
  - PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- (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) VOC emission rates are total VOC emission rates and include the benzene emission rates.

Date: October 5, 2017