

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 163636

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)
WR-1	Wash Rack and Heel Removal	VOC	19.28	5.84
		Exempt Solvent	7.83	9.71
		IOC	0.10	0.12
FLR	Flare – Waste Gas Emissions	VOC	15.53	3.42
		Exempt Solvent	3.40	4.25
		IOC	0.96	1.19
FLR (6)	Flare – Combustion Emissions – Supplemented with Propane	NO <sub>x</sub>	2.90	12.72
		CO	5.80	25.4
		SO <sub>2</sub>	20.34	38.52
FLR (6)	Flare – Combustion Emissions – Supplemented with Natural Gas	NO <sub>x</sub>	3.05	13.36
		CO	7.42	32.50
		SO <sub>2</sub>	20.38	38.71
FUG-W	Wastewater Fugitives	VOC	0.01	0.03
		Exempt Solvent	0.01	0.03
		IOC	0.01	0.03
TNK-1	Wastewater Tank	VOC	0.16	0.03
		Exempt Solvent	0.09	0.02
		IOC	0.03	<0.01
WWL	Wastewater Loading Area	VOC	1.13	0.11
		Exempt Solvent	0.65	0.07
		IOC	0.20	0.02
All Emission Points at the Site	All Source at the Site	Individual HAP	----	< 10
		Total HAPs	----	< 25

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

Emission Sources - Maximum Allowable Emission Rates

- (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 § 101.110C - inorganic compounds
- NO<sub>x</sub> - total oxides of nitrogen
- SO<sub>2</sub> - sulfur dioxide
- 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.
- (6) Combustion emission rates when the flare is supplemented with either propane or natural gas. These emission rates shall not be combined.

Date: July 28, 2021