

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 48930

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 (5)	
			lbs/hour	TPY (4)
FLR-01	Flare	VOC	21.50	3.06
		NO <sub>x</sub>	1.45	6.34
		SO <sub>2</sub>	44.74	1.15
		CO	5.76	25.25
		HBr	0.57	0.29
		HCl	0.39	0.10
		HCN	0.51	0.25
		HF	0.09	0.30
		Exempt Solvent	7.11	5.43
CL-01	Wash Rack	VOC	36.96	9.85
		Exempt Solvent	8.20	0.91
		IOC-U	0.18	0.14
L1WST	Covered Waste Storage	VOC	0.01	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) 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

IOC-U - inorganic compounds (unspeciated)

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

HBr - hydrogen bromide

HCl - hydrogen chloride

HCN - hydrogen cyanide

HF - hydrogen fluoride

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) Allowable emissions for all sources include emissions from planned maintenance, startup and shutdown activities.

Date: January 22, 2024

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