

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 21555

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)
92-1A	Boiler	CO	0.10	0.43
		NO <sub>x</sub>	0.12	0.52
		PM	0.01	0.04
		PM <sub>10</sub>	0.01	0.04
		PM <sub>2.5</sub>	0.01	0.04
		SO <sub>2</sub>	0.01	0.01
		VOC	0.01	0.03
92-1B	Boiler	CO	0.10	0.43
		NO <sub>x</sub>	0.12	0.52
		PM	0.01	0.04
		PM <sub>10</sub>	0.01	0.04
		PM <sub>2.5</sub>	0.01	0.04
		SO <sub>2</sub>	0.01	0.01
		VOC	0.01	0.03
92-2	Flare	CO	9.95	43.57
		NO <sub>x</sub>	3.19	13.98
		SO <sub>2</sub>	35.86	15.41
		VOC	11.78	9.07
		Exempt Solvent	7.36	32.25
		HCl	0.15	0.65
		HBr	0.08	0.37

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92-2	Flare	HF	0.05	0.23
		HI	0.05	0.20
		IOC-U	0.53	2.34
92-3	Wash Rack – Uncontrolled	VOC	18.32	11.34
		IOC-U	0.07	0.29
92-4	Diesel Tank	VOC	0.38	0.02
92-6/92-7	Wastewater Tank Nos. 1 and 2	VOC	0.16	0.09
		Exempt Solvent	0.16	0.09
		IOC-U	0.02	0.01
92-8	Tank Truck - Wastewater Loading	VOC	1.33	0.41
		Exempt Solvent	1.38	0.43
		IOC-U	0.14	0.04
OWS	Oil/Water Separator	VOC	0.16	0.08
		Exempt Solvent	0.16	0.08
		IOC-U	0.02	0.01
FUG-W	Wastewater Fugitives	VOC	0.01	0.03
		Exempt Solvent	0.01	0.03
		IOC-U	0.01	0.03
FUG-D	Diesel Fugitives	VOC	0.02	0.10
All Emission Points at the Site	All Sources at the Site	Individual HAP	---	<10.00
		Total HAP's	---	<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  
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

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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
HCl	- hydrogen chloride
HBr	- hydrogen bromide
HF	- hydrogen fluoride
HI	- hydrogen iodide
IOC-U	- inorganic compounds (unspeciated)
HAP	- hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations (40 CFR) Part 63, Subpart C

(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.

(5) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: May 4, 2021