

Emission Sources - Maximum Allowable Emission Rates
Permit Number 21553

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 _x	0.12	0.52
		PM	0.01	0.04
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
		SO ₂	0.01	0.01
		VOC	0.01	0.03
92-1B	Boiler	CO	0.10	0.43
		NO _x	0.12	0.52
		PM	0.01	0.04
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
		SO ₂	0.01	0.01
		VOC	0.01	0.03
92-1C	Boiler	CO	0.10	0.43
		NO _x	0.12	0.52
		PM	0.01	0.04
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
		SO ₂	0.01	0.01
		VOC	0.01	0.03

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92-2	POC from Flare	CO	9.95	43.57
		NO _x	3.19	13.98
		SO ₂	15.92	15.41
92-2	Wash Rack - Controlled	VOC	11.78	10.68
		Exempt Solvents	7.36	32.25
		Inorganics	0.14	0.63
		HBr	0.08	0.37
		HCl	0.22	0.96
		HF	0.05	0.23
		HI	0.01	0.06
92-3	Wash Rack - Uncontrolled	Inorganics	3.73	0.45
		VOC	18.32	10.41
92-4	Diesel Tank	VOC	0.38	0.01
92-5	First Rinse Tank	VOC	0.11	0.06
		Exempt Solvents	0.11	0.06
		Inorganics	0.01	0.01
OWS	Oil/water Separator	VOC	0.16	0.08
		Exempt Solvents	0.16	0.08
		Inorganics	0.02	0.01
92-6	Wastewater Tank 1	VOC	2.09	0.54
		Exempt Solvents	2.13	9.34
		Inorganics	0.24	1.06
92-7	Wastewater Tank 2	VOC	0.53	0.13
		Exempt Solvents	0.55	2.4
		Inorganics	0.06	0.26

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92-8	Wastewater Tank 3	VOC	0.21	0.05
		Exempt Solvents	0.22	0.96
		Inorganics	0.02	0.1
FUG-W	Wastewater Fugitives	VOC	0.01	0.03
		Exempt Solvents	0.01	0.03
		Inorganics	0.01	0.03
FUG-D	Diesel Fugitives	VOC	0.02	0.10
92-9	Wastewater Loading	VOC	0.12	0.01
		Exempt Solvents	0.12	0.01
		Inorganics	0.01	<0.01

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- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HBr - hydrogen bromide
HCl - hydrogen chloride
HF - hydrogen fluoride
HI - hydrogen iodine
- (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: July 13, 2021