

Emission Sources - Maximum Allowable Emission Rates

Permit Number 20915

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)
VCS-1	Vapor Combustor	VOC	8.34	13.39
		Benzene	0.08	0.09
		NOx	4.24	4.44
		CO	16.89	17.68
		SO ₂	<0.01	<0.01
		PM	0.23	0.24
		PM ₁₀	0.23	0.24
		PM _{2.5}	0.23	0.24
TK-1	Tank 1	VOC	11.65	1.71
TK-2	Tank 2	VOC	2.34	7.16
		Benzene	0.02	0.06
TK-3	Tank 3	VOC	2.34	7.16
		Benzene	0.02	0.06
TK-4	Tank 4	VOC	1.68	4.07
		Benzene	0.02	0.04
TK-5	Tank 5	VOC	1.13	3.94
		Benzene	0.01	0.04
FIRE01	Fire Pump Tank	VOC	0.01	<0.01
ADD01	Tank 11	VOC	0.44	0.01
ADD02	Tank 12	VOC	0.28	0.01
ADD03	Tank 13	VOC	0.08	<0.01

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ADD05	Tank 15	VOC	0.50	0.01
LOADFUG	Loading Rack Fugitives (5)	VOC	17.42	19.09
		Benzene	0.16	0.17
FUG-1	Loading Rack Equipment Fugitives (5)	VOC	<0.01	0.012
		Benzene	0.00003	0.00011
FUG-2	Meter Area Fugitives (5)	VOC	0.01	0.02
		Benzene	<0.001	<0.001
FUG-3	Pump Area Fugitives (5)	VOC	0.01	0.05
		Benzene	<0.001	<0.001
FUG-4	Tank Area Fugitives (5)	VOC	<0.01	0.01
		Benzene	<0.001	<0.001

- (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
- 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
- (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.

Date: DRAFT - TBD