

Emission Sources - Maximum Allowable Emission Rates

Permit Number 150211

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)
TANK1	Tank 1	VOC	1.76	-
TANK2	Tank 2	VOC	1.76	-
TANK3	Tank 3	VOC	1.76	-
TANK4	Tank 4	VOC	1.76	-
TANK5	Tank 5	VOC	1.50	-
TANK6	Tank 6	VOC	1.45	-
TANK7	Tank 7	VOC	1.45	-
TANK8	Tank 8	VOC	1.40	-
TANK9	Tank 9	VOC	1.40	-
TANK10	Tank 10	VOC	1.40	-
TANK11	Tank 11	VOC	1.40	-
TANK12	Tank 12	VOC	1.40	-
TANK13	Tank 13	VOC	1.40	-
TANK14	Tank 14	VOC	1.40	-
TANK15	Tank 15	VOC	1.40	-
TANK16	Tank 16	VOC	1.40	-
TANK17	Tank 17	VOC	1.40	-
TANK18	Tank 18	VOC	1.40	-
TANK19	Tank 19	VOC	1.40	-
TANK20	Tank 20	VOC	1.49	-
TANK21	Tank 21	VOC	1.49	-
TANKS	Annual Tank Emission CAP	VOC	-	56.33
LOAD	Loading: Diesel/Base Oil	VOC	2.80	3.49
LOAD2	Loading: Diesel/Base Oil	VOC	3.53	4.19

Emission Sources - Maximum Allowable Emission Rates

RAIL	Loading: Diesel/Base Oil	VOC	1.21	0.06
VCU2	VCU2	NO _x	3.54	4.11
		CO	4.71	5.48
		VOC	5.89	6.47
		PM	0.17	0.20
		PM ₁₀	0.17	0.20
		PM _{2.5}	0.17	0.20
		SO ₂	0.13	0.04
VCU1	VCU1	NO _x	2.20	4.24
		CO	2.93	5.65
		VOC	3.66	6.58
		PM	0.11	0.21
		PM ₁₀	0.11	0.21
		PM _{2.5}	0.11	0.21
		SO ₂	0.08	0.04
Fugitives	Site-wide Fugitive Emission (5)	VOC	0.10	0.46
MSS	MSS: Pigging Activities	VOC	0.20	<0.01
	MSS: Tank Landings	VOC	129.58	3.05
	MSS: Pump Maintenance	VOC	0.16	<0.01

- (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) NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
SO₂ - sulfur dioxide
- (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: February 12, 2021