

Emission Sources - Maximum Allowable Emission Rates

Permit Number 157464

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)
TK1501	Tank 1501	VOC	0.92	0.78
TK1502	Tank 1502	VOC	0.92	0.78
TK1503	Tank 1503	VOC	4.05	9.12
TK1504	Tank 1504	VOC	4.05	9.12
TK201	Tank 201	VOC	0.45	0.68
TK600	Additive Tank	VOC	2.58	0.01
TK610	Additive Tank	VOC	12.01	0.07
TK620	Additive Tank	VOC	3.69	0.02
TK630	Additive Tank	VOC	1.95	0.01
SU1002	Sump	VOC	12.25	0.24
OWS	Oil-Water Separator	VOC	1.00	0.01
TK1001	OWS Oil Tank	VOC	53.60	1.39
TK1002	OWS Water Tank	VOC	1.46	0.03
FUG	Fugitives (5)	VOC	0.16	0.72
TLOAD	Truck Loading	VOC	25.48	38.50
VCU	Vapor Combustor	VOC	10.68	22.77
		NO _x	7.15	9.97
		CO	13.13	18.31
		SO ₂	0.12	0.10
		PM	0.06	0.05
		PM ₁₀	0.06	0.05
		PM _{2.5}	0.06	0.05
ETOHUL	Ethanol Unloading	VOC	0.32	0.24
MSS-ATM	Tank Landing to Atmosphere	VOC	400.69	6.92

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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) 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_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: March 6, 2020