

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 142750

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)
SLE-U	Uncontrolled Ship Dock Loading Fugitives	VOC	15.23	14.12
SLE-C	Uncaptured Ship Dock Loading Fugitives	VOC	3.77	3.29
		H ₂ S	<0.01	<0.01
LOAD-1	Uncontrolled Barge Dock Loading Fugitives	VOC	11.12	8.09
VCU-1	Vapor Combustor Unit Pilot Gas, Assist Gas, and Control of Marine Loading	VOC	3.45	4.60
		NO _x	6.93	11.09
		CO	14.61	21.17
		SO ₂	6.32	8.57
		PM	0.56	0.88
		PM ₁₀	0.56	0.88
		PM _{2.5}	0.56	0.88
		H ₂ S	<0.01	<0.01
TK-1000	Slop Tank	VOC	0.88	0.86
		H ₂ S	<0.01	<0.01
FUG (5)	Equipment Leak Fugitives	VOC	1.81	7.95
		H ₂ S	<0.01	0.02
SPUMPMSS	Ship Dock Pump Degassing	VOC	0.19	<0.01
		H ₂ S	<0.01	<0.01
BPUMPMSS	Barge Dock Pump Degassing	VOC	0.19	<0.01
PMETERMSS	Pipeline Meter Run Degassing	VOC	0.30	<0.01

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		H ₂ S	<0.01	<0.01
PIGMSS	Pig Receiving (post-control atmospheric)	VOC	0.09	<0.01
		H ₂ S	<0.01	<0.01
P-VCU	Portable Vapor Combustor to control tank (TK-1000) MSS and non-tank MSS operations	VOC	0.45	0.01
		NO _x	1.53	0.23
		CO	1.39	0.19
		SO ₂	0.08	<0.01
		PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
		H ₂ S	<0.01	<0.01
ATMDEGAS	Atmospheric Degassing of TK-1000	VOC	1.07	<0.01
		H ₂ S	<0.01	<0.01
SHIPSUMP	Sump at Ship Dock Working Losses	VOC	10.27	0.29
		H ₂ S	<0.01	<0.01
BGSUMP	Sump at Barge Dock Working Losses	VOC	13.70	0.32
B-SUMPMSS	Atmospheric Degassing of Barge Dock Sump	VOC	7.05	<0.01
PIGSUMP	Sump at Pig Receiving Working Losses	VOC	18.51	0.02
		H ₂ S	0.02	<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
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - H₂S - hydrogen sulfide
 - 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
- (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: November 8, 2019