Emission Sources - Maximum Allowable Emission Rates

Permit Number 163222

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)
T-3601	IFR Tank 3601	VOC	1.97	-
T-3602	IFR Tank 3602	VOC	1.97	-
T-3603	IFR Tank 3603	VOC	1.97	-
T-3604	IFR Tank 3604	VOC	1.97	-
T-3605	IFR Tank 3605	VOC	1.97	-
T-3606	IFR Tank 3606	VOC	1.97	-
T-3607	IFR Tank 3607	VOC	1.97	-
T-3608	IFR Tank 3608	VOC	1.97	-
T-3609	IFR Tank 3609	VOC	1.97	-
T-3610	IFR Tank 3610	VOC	1.97	-
T-3611	IFR Tank 3611	VOC	1.97	-
T-3612	IFR Tank 3612	VOC	1.97	-
T-3613	IFR Tank 3613	VOC	1.97	-
T-3614	IFR Tank 3614	VOC	1.97	-
T-3615	IFR Tank 3615	VOC	1.97	-
T-3616	IFR Tank 3616	VOC	1.97	-
T-3617	IFR Tank 3617	VOC	1.97	-
T-3618	IFR Tank 3618	VOC	1.97	-
T-3619	IFR Tank 3619	VOC	1.97	-
T-3620	IFR Tank 3620	VOC	1.97	-
T-3621	IFR Tank 3621	VOC	1.97	-
T-3622	IFR Tank 3622	VOC	1.97	-
T-3623	IFR Tank 3623	VOC	1.97	-
T-3624	IFR Tank 3624	VOC	1.97	-

Emission Sources - Maximum Allowable Emission Rates

T-3625	IFR Tank 3625	VOC	1.97	-
T-3626	IFR Tank 3626	VOC	1.97	-
T-3627	IFR Tank 3627	VOC	1.97	-
T-3628	IFR Tank 3628	VOC	1.97	-
T-3629	IFR Tank 3629	VOC	1.97	-
T-3630	IFR Tank 3630	VOC	1.97	-
T-3631	IFR Tank 3631	VOC	1.97	-
T-8801	IFR Tank 8801	VOC	2.26	-
T-8802	IFR Tank 8802	VOC	2.26	-
T-8803	IFR Tank 8803	VOC	2.26	-
T-8804	IFR Tank 8804	VOC	2.26	-
T-8805	IFR Tank 8805	VOC	2.26	-
T-8806	IFR Tank 8806	VOC	2.26	-
TANKCAP	Storage Tank Cap	VOC	-	78.28
TK-LOAD	Uncollected Truck Loading Emissions	VOC	6.26	15.39
RL-LOAD	Uncollected Railcar Loading Emissions	VOC	9.99	6.03
VCU-1	Vapor Combustor Unit	VOC	9.82	1.99
		NO_X	29.49	6.06
		CO	54.43	11.06
		PM	1.47	0.30
		PM_{10}	1.47	0.30
		$PM_{2.5}$	1.47	0.30
		SO_2	< 0.01	< 0.01
TKLOADCAP	Storage Tank and Loading Emissions Cap	VOC	-	91.83
		NO_X	-	6.06
		CO	-	11.06
		PM	-	0.30
		PM_{10}	-	0.30
		$PM_{2.5}$	-	0.30

Emission Sources - Maximum Allowable Emission Rates

		SO_2	-	< 0.01
FUG-METER	Equipment Leak Fugitives - Pipeline Metering Station (5)	VOC	0.01	0.06
FUG-TK	Equipment Leak Fugitives - IFR Tank Farm (5)	VOC	0.32	1.39
FUG-TRK	Equipment Leak Fugitives - Truck Loading Rack (5)	VOC	0.04	0.17
FUG-RAIL	Equipment Leak Fugitives - Railcar Loading Rack (5)	VOC	0.04	0.17
FUG-TRANS	Equipment Leak Fugitives - Trans Loading Rack (5)	VOC	0.04	0.17
RCTT-TRANS	Uncollected Transloading Emissions (Rail to Truck)	VOC	1.88	0.52
RCTT-TRANS	Uncollected Transloading Emissions (Truck to Rail)	VOC	1.88	0.52
RCTT-TRANS	Uncollected Transloading Emissions	VOC	1.88	0.52
MSS-VCU	Portable Vapor Combustor	VOC	0.43	0.05
		NO_X	1.15	0.14
		CO	3.17	0.34
		PM	0.09	0.01
		PM_{10}	0.09	0.01
		$PM_{2.5}$	0.09	0.01
		SO_2	< 0.01	< 0.01
MSS-CONT	Controlled Equipment Degassing	VOC	0.09	< 0.01
		NO_X	0.17	< 0.01
		CO	0.47	0.01
		PM	0.01	< 0.01
		PM_{10}	0.01	< 0.01
		$PM_{2.5}$	0.01	< 0.01
MSS-CONT	Air Mover and Vacuum Truck Loading	VOC	0.12	< 0.01
		NO_X	0.23	0.01
		CO	0.65	0.03
		PM	0.02	< 0.01
		PM_{10}	0.02	< 0.01

Emission Sources - Maximum Allowable Emission Rates

		$PM_{2.5}$	0.02	< 0.01
MSS-CONT	Frac Tank Emissions	VOC	0.04	0.01
		NO_X	0.08	0.01
		CO	0.23	0.03
		PM	0.01	< 0.01
		PM_{10}	0.01	< 0.01
		$PM_{2.5}$	0.01	< 0.01
MSS-CONT	Pilot Emissions	VOC	< 0.01	< 0.01
		NO_X	0.01	0.03
		CO	0.01	0.02
		PM	< 0.01	< 0.01
		PM_{10}	< 0.01	< 0.01
		$PM_{2.5}$	< 0.01	< 0.01
		SO_2	< 0.01	< 0.01
MSS-CONT	Controlled MSS Cap	VOC	-	0.01
		NO_X	-	0.05
		CO	-	0.09
		PM	-	< 0.01
		PM_{10}	-	< 0.01
		$PM_{2.5}$	-	< 0.01
		SO_2	-	< 0.01
MSS-ATM	Small Equipment Degassing	VOC	0.46	0.01
MSS-ATM	Equipment Draining	VOC	1.3	0.03
MSS-ATM	Equipment Degassing to Atmosphere	VOC	0.86	0.02
MSS-ATM	Air Mover and Vacuum Truck Loading	VOC	10.43	0.42
MSS-ATM	Frac Tank Emissions	VOC	0.17	0.20
MSS-ATM	Uncontrolled Venting from Tank Degassing	VOC	23.62	2.56
MSS-ATM	Uncontrolled Tank MSS Cap	VOC	-	3.23

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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
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - 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: TBD