Emission Sources - Maximum Allowable Emission Rates

Permit Number 50542

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

Source Name (2)	Air Contaminant Name (3)	Emission Rates	
		lbs/hour	TPY (4)
Tank 1	voc	1.04	3.48
Tank 2	voc	0.64	1.79
Tank 3	VOC	0.64	1.79
Tank 4	VOC	0.58	1.79
Tank 1 through Tank 4	VOC		8.28
Tank 5	VOC	0.80	1.14
Tank 6	voc	3.08	2.16
Tank 7	voc	0.38	0.17
Additive Tank 1	VOC	0.09	<0.01
Additive Tank 2	VOC	0.44	<0.01
Additive Tank 3	VOC	0.24	<0.01
Additive Tank 4	VOC	0.02	<0.01
Additive Tank 5	VOC	0.07	<0.01
Vapor Combustor 1	VOC	4.42	5.96
	NO _x	1.77	2.38
	со	4.42	5.96
	PM	<0.01	0.01
	PM ₁₀	<0.01	0.01
	PM _{2.5}	<0.01	0.01
Pipe/Fitting Fugitives (5)	voc	0.16	0.61
	Tank 2 Tank 3 Tank 4 Tank 1 through Tank 4 Tank 5 Tank 6 Tank 7 Additive Tank 1 Additive Tank 2 Additive Tank 3 Additive Tank 4 Additive Tank 5 Vapor Combustor 1	Tank 2 VOC Tank 3 VOC Tank 4 VOC Tank 1 through Tank 4 VOC Tank 5 VOC Tank 6 VOC Tank 7 VOC Additive Tank 1 VOC Additive Tank 2 VOC Additive Tank 3 VOC Additive Tank 4 VOC Additive Tank 5 VOC PM PM PM PM PM PM P5 Pipe/Fitting Fugitives VOC VOC VOC VOC VOC PM PM PM PM PM PM PM PS VOC VOC PM PM PM PM PM PM PM PS VOC VOC PM PM PM PM PM PM PM PM PM P	Tank 1 VOC 1.04 Tank 2 VOC 0.64 Tank 3 VOC 0.64 Tank 4 VOC 0.58 Tank 1 through Tank 4 VOC 0.80 Tank 5 VOC 0.80 Tank 6 VOC 0.38 Additive Tank 1 VOC 0.99 Additive Tank 2 VOC 0.44 Additive Tank 3 VOC 0.24 Additive Tank 4 VOC 0.02 Additive Tank 5 VOC 0.07 Vapor Combustor 1 VOC 0.07 Vapor Combustor 1 VOC 0.01 PM _{2.5} PM Pipe/Fitting Fugitives VOC 0.64 1.04 0.64 0.58 0.80 1.77 0.09 0.44 0.09 0.44 0.01 0.07 0.07 0.07 0.07 0.07 0.07 0.01 0.01 0.01 0.01 0.01 0.01 0.01

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Fugi-3	Loading Fugitives (5)	VOC	3.97	6.90
OWS	Oil-Water Separator	VOC	0.18	<0.01
Sump-1	Underground Sump	VOC	126.90	0.06

- (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 CO - carbon monoxide

PM - total particulate matter, suspended in the atmosphere, including PM10 and PM2.5, as

represented

PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM2.5, 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: July 19, 2013