

Emission Sources - Maximum Allowable Emission Rates

Permit Number 5418A and PSD-TX-36

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)
86	Aromatic Splitter Heater 29H5	VOC	0.28	1.13
		CO	4.35	17.31
		NO _x	5.18	20.61
		PM	0.39	1.57
		PM ₁₀	0.39	1.57
		PM _{2.5}	0.39	1.57
		SO ₂	1.61	3.20
202	ADP Heater 17H1	VOC	0.18	0.81
		CO	1.03	4.51
		NO _x	3.09	13.52
		PM	0.26	1.12
		PM ₁₀	0.26	1.12
		PM _{2.5}	0.26	1.12
		SO ₂	1.04	2.29
640	Tank No. 929	VOC	1.27	0.40
641	Tank No. 930	VOC	0.97	0.41
725	Tank No. 1023	VOC	5.99	20.95
729	Tank No. 1027	VOC	1.06	1.71
742	Tank No. 1	VOC	2.42	4.75
744	Tank No. 3	VOC	2.36	4.62
745	Tank No. 4	VOC	1.32	2.43
746	Tank No. 5	VOC	3.44	11.79
749	Tank No. 13	VOC	0.94	0.51
750	Tank No. 14	VOC	1.15	1.25

Emission Sources - Maximum Allowable Emission Rates

751	Tank No. 20	VOC	0.93	0.67
759	Tank No. 40	VOC	0.68	0.90
760	Tank No. 41	VOC	0.78	1.11
761	Tank No. 42	VOC	0.78	1.11
765	Tank No. 50	VOC	0.84	0.32
F208	Cooling Tower 10	VOC	0.34	1.47
		PM	2.88	12.62
		PM ₁₀	1.22	5.37
		PM _{2.5}	0.01	0.03
F211	Process Fugitives (5)	VOC	4.39	19.21
		H ₂ S	< 0.01	< 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) 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
H₂S - hydrogen sulfide
- (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: June 25, 2019