

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 76070 and PSDTX1057

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)
FL-1	South Plant (Main) Flare	NO _x	210.61	
		CO	322.11	
		VOC	354.74	
		SO ₂	0.96	
FL-2	North Storage Flare	NO _x	7.42	
		CO	14.81	
		VOC	72.04	
		SO ₂	0.14	
45	North Plant (BEF) Flare	NO _x	158.58	
		CO	242.53	
		VOC	41.37	
		SO ₂	0.03	
FL-1, FL-2 & 45	Flare Emission Operating Subcap	NO _x	376.60	153.00
		CO	579.45	234.53
		VOC	468.15	93.20
		SO ₂	1.13	0.60
	Flare Emission MSS Subcap	NO _x	1867.13	13.84

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		CO	2855.61	23.51
		VOC	2779.43	22.99
		SO ₂	16.86	0.03
	Flare Emission Cap Total	NO _x	2243.73	166.84
		CO	3435.05	258.04
		VOC	3247.58	116.19
		SO ₂	18.00	0.63
MSS-ATM	MSS Atmospheric Emission Cap (5)	VOC	261.11	2.51
		PM	0.25	0.07
		PM ₁₀	0.12	0.03
		PM _{2.5}	0.02	<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
CO - carbon monoxide
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) The MSS Atmospheric Emission Cap includes Inherently Low Emitting Activities listed in Attachment A of the Special Conditions which are assumed to be 5.00 lb/hr and 0.93 tpy of the cap at all times.

Date: September 30, 2019