

# 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)
45 and FL-1	Total hourly emissions cap of North Plant Flare (EPN 45) and South Plant Flare (EPN FL-1) Routine Operations	NO <sub>x</sub>	369.19	=
		CO	564.64	=
		VOC	396.11	=
		SO <sub>2</sub>	0.99	=
FL-2	North Storage Flare Routine Operations	NO <sub>x</sub>	7.42	=
		CO	14.81	=
		VOC	72.04	-
		SO <sub>2</sub>	0.14	-
45, FL-1 and FL-2	Flares Routine Operations Emission Subcap	NO <sub>x</sub>	376.60	153.00
		CO	579.45	234.53
		VOC	468.15	93.20
		SO <sub>2</sub>	1.13	0.60
	Flares MSS Emission Subcap	NO <sub>x</sub>	1867.13	13.84
		CO	2855.61	28.57
		VOC	2779.43	27.72
		SO <sub>2</sub>	16.86	0.03
	Total Flares Emission Cap (6)	NO <sub>x</sub>	2243.73	166.84
		CO	3435.05	258.04
		VOC	3247.58	108.69
		SO <sub>2</sub>	18.00	0.63

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MSS-ATM	MSS Atmospheric Emission Cap (5)	VOC	261.11	2.51
		PM	0.25	0.07
		PM <sub>10</sub>	0.12	0.03
		PM <sub>2.5</sub>	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<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 CO - carbon monoxide  
 PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
 PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
 PM<sub>2.5</sub> - 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.
- (6) Total Flares Emission Cap includes Flares Routine Operations Emission Subcap and Flares MSS Emission Subcap.

Date: August 6, 2021