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	77.97	61.62
		CO	119.25	94.24
		VOC	76.63	60.54
		SO_2	0.12	0.51
FL-2	North Storage Flare	NO_x	3.03	0.30
		CO	0.81	0.07
		VOC	72.04	8.83
		SO_2	0.09	0.01
FL-3	LRGO Flare	NO_x	137.04	0.38
		CO	10.11	0.08
		VOC	278.11	4.18
		SO_2	0.84	0.01
45	North Plant (BEF) Flare	NO_x	158.58	90.72
		CO	242.53	138.74
		VOC	41.37	19.67
		SO_2	0.03	0.03

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Flare Emission Cap (5)		NO_x	376.60	153.00
		CO	372.70	233.10
		VOC	468.10	93.20
		SO_2	1.10	0.60
Flare Emission Subcap (MSS) (6)		NO_x	154.10	1.10
		CO	354.30	4.40
		VOC	63.70	23.10

(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
       CO   -   carbon monoxide
(4)   Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
(5)   The total hourly and annual NO_x, CO, VOC and SO_2 emissions from Flare EPNs FL-1, FL-2, FL-3, and 45 shall not exceed the hourly and annual emission cap.
(6)   Hourly and annual NO_x, CO, and VOC emissions are included in the Flare Emission Cap.

Date: _____