

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19123

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. 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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
ST101FL	Styrene Plant Flare (5)		SO ₂		15.32	7.55
			NO _x		0.24	0.12
			CO		1.72	0.85
			VOC		4.63	2.49
			H ₂ S		0.15	0.08
ST910FE	Process Fugitives (4)		VOC		1.04	4.55
			H ₂ S		0.01	0.06
UPO30LR	Uncontrolled Loading		VOC		8.17	1.71
			Fugitives (4)		H ₂ S	0.34
	0.07					

- (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) SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in General Rule 101.1
H₂S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Flare emissions shown are for the Hydrocarbon Recovery System only. The flare is operating under TNRCC Air Quality Permit No. 5611.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day _____ Days/week _____ Weeks/year _____ or Hrs/year 8,760

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Dated _____