

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56360

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 Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
EH43	UDEX Flare	CO	26.27	39.14
		NO _x	3.57	7.46
		SO ₂	0.81	1.61
		VOC	38.27	38.88
EH103	Acetylene Converter Regenerator Vent (648 hours per calendar year)	CO	1.02	0.11
		NO _x	0.07	0.01
		PM ₁₀	0.02	0.01
		VOC	8.32	0.41
EH104	Hydrotreater Converter Regenerator Vent (432 hours per calendar year)	CO	0.08	0.01
		NO _x	0.01	0.01
		PM ₁₀	0.01	0.01
		SO ₂	0.02	0.01
		VOC	0.66	0.03

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) CO - carbon monoxide
 NO_x - total oxides of nitrogen
 PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 SO₂ - sulfur dioxide
 VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code § 101.1.

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

24 Hrs/day 7 Days/week 52 Weeks/year

- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated March 15, 2004