

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5215A

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
E-01-1748	THD Charge Heater H-301	VOC	0.59	2.58
		NO _x	10.71	46.89
		SO ₂	0.06	0.28
		PM	0.81	3.56
		CO	8.99	39.39
F-1748	TDH Unit Fugitives (4)	VOC	8.5	37.2
F-294PS	Cooling Tower	VOC	2.76	14.69
F-17-Flare	Flare	VOC	0.38	<0.01
		NO _x	0.12	0.45
F-1746	Cumene Unit Fugitives (4)	VOC	1.88	8.22

(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 30 Texas Administrative Code Section 101.1.

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter 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.

CO - carbon monoxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emissions rate. Includes 75 percent flange reduction due to annual HON monitoring.

* Emission rates are based on and the facilities are limited by the

following maximum operating schedule:

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

Dated_____