

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 36845 and PSD-TX-891

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
02CHRGHTR	Common Stack	VOC	0.32	1.40
	Crude Heaters	NO _x	12.16	53.26
	A and B	SO ₂	5.82	6.38
		PM	1.02	4.47
		CO	14.34	62.80
02CHRGCHTR	Crude Heater C	VOC	0.21	0.92
		NO _x	2.34	10.25
		SO ₂	1.12	1.23
		PM	0.55	2.41
		CO	2.75	12.05
02BGVCMHTR	Big Vacuum Heater	VOC	0.25	1.10
		NO _x	2.84	12.44
		SO ₂	1.36	1.49
		PM	0.67	2.93
		CO	3.35	14.68
02CRUDEFUG	Crude Complex Fugitives (4) 29.07	VOC		6.64
		H ₂ S	0.01	0.03
02CTR14FUG	Cooling Tower	VOC	0.30	1.32
10FGTFUG	Fuel Gas Treater Unit (4)	VOC	1.09	4.76
		H ₂ S	0.06	0.28

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- (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 General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM₁₀.
CO - carbon monoxide
H₂S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* 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 _____