

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 74857

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**
70	EM Flare (5) (Start-up, shutdown, and maintenance emissions)	CO	9.5	0.61
		H ₂ S	11.1	1.96
		NO _x	1.1	0.07
		SO ₂ 1040	184	
		VOC 2.14	0.38	
71	AG Fugitives (4)	H ₂ S	0.06	0.26
		VOC 0.01	0.03	
60	Plant Fugitives (4)	H ₂ S	0.01	0.01
		VOC 1.00	4.37	
16	Flare-16 (6)	CO	9.5	40.1
		H ₂ S 11.1	43.1	
		NO _x 1.10	4.67	
		SO ₂	1040	4033
		VOC	2.14	8.33
TEGREB	Glycol Reboiler	CO	0.01	0.03
		NO _x 0.01	0.04	
		SO ₂	0.01	0.01
		VOC	0.01	0.01
TEGFUG	Process Fugitives (4)	H ₂ S	0.01	0.01
		VOC 0.01	0.01	

(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
H₂S - hydrogen sulfide
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide.

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VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) EPN 70 is limited to 355 hour per year for start-up, shutdown and maintenance emissions.
- (6) Flare-16 operations must cease no later than the earlier of (i) the commencement of operation of the Acid Gas Reinjection System or (ii) February 28, 2007.

* 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 or 8,760 Hrs/year

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

Dated_____