

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 723 and PSD-TX-828

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		
N-3	N 7/8 Preheater			NO _x	0.67	1.30
				CO	0.19	0.40
N-9	N 7/8 SVG Fan			HCN	0.75	3.28
				VOC	3.36	14.72
N-7/8F	Fugitives N7/8 (4)			HCN	0.04	0.18
N-17	N 5/6 Flare (5)			HCN	39.97	11.39
				NH ₃ (6)	222.24	183.08
				CO	400.34	392.31
				VOC	<0.01	<0.01
				NO _x	31.86	38.42
				SO ₂	0.06	0.04
N-6	N 3/7 Feed and Exit Gas Flare (5)			HCN	50.66	3.22
				NH ₃	33.71	2.76
				CO	658.71	358.56
				VOC	<0.01	<0.01
				NO _x	47.19	27.10
				SO ₂	0.80	0.05
FN	Fugitives (4)			HCN	0.82	3.56
				NH ₃	3.11	13.62

- (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) HCN - hydrogen cyanide
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
NH₃ - ammonia
SO₂ - sulfur dioxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The NH₃ hourly emission rates are based on 1,752 hours/year for compressor outages.
- (6) See special conditions for ammonia reduction schedule.

* 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

Note: Permits No. 723 and PSD-TX-828 have been combined.

Dated_____

