EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 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 *	Source	Air Contaminant	<u>Emission</u>	Rates
Point No. (1)	Name (2)	Name (3)	1b/hr	TPY
N-3	N7/8 Preheater	NO _x CO	0.67 0.19	1.30 0.40
N-9	N7/8 SVG Fan	HCN VOC	0.75 3.36	3.28 14.72
N-7/8F	Fugitives N7/8 (4)	HCN	0.04	0.18
Total Emissions	for all Operating Co	onditions		
N-17	N5/6 Flare	HCN Acetone Acetone Cyanohydr NH ₃ CO NO _X SO ₂ VOC	166.22	19.42 0.01 0.006 44.57 256.61 23.82 0.06 <0.01

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N-6	N3/7 Feed and Exit Gas Flare	$\begin{array}{c} HCN \\ NH_3 \\ CO \\ VOC \\ NO_{X} \\ SO_2 \end{array}$	50.66 33.71 658.71 <0.01 47.19 0.80	3.22 2.76 358.56 <0.01 27.10 0.05
FN	Fugitives (4)	HCN NH₃	0.82 3.11	3.56 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

NH₃ - ammonia

CO - carbon monoxide

 NO_X - total oxides of nitrogen

H₂ - hydrogen

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in General Rule 101.1

- (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	W	eeks/year	
or Hrs/year_	8,760			-	

Note: Bold entries denote changes in emissions for this amendment.

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Dated
