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 * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
N-3	N7/8 Preheater	NO_x	0.67	1.30
		CO	0.19	0.40
N-9	N7/8 SVG Fan	HCN	0.75	3.28
		VOC	3.36	14.72
N-7/8F	Fugitives N7/8 (4)	HCN	0.04	0.18

Total Emissions for all Operating Conditions

N-17	N5/6 Flare	HCN	26.11	19.78
		Acetone	<0.01	0.02
		Acetone Cyanohydrin	0.001	0.006
		NH_3	171.84	45.32
		CO	414.88	210.30
		NO_x	151.86	45.15
		SO_2	0.11	0.03
		VOC	0.11	<0.01
N-6	N3/7 Feed and Exit Gas Flare	HCN	32.89	0.97
		Acetone	0.04	0.09
		Acetone Cyanohydrin	0.01	0.03

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		NH_3	32.28	0.75
		CO	561.92	103.29
		VOC	0.23	0.01
		NO_X	122.83	6.16
		SO_2	0.09	0.01
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
    NH_3 - ammonia
    CO   - carbon monoxide
    NO_X - total oxides of nitrogen
    SO_2 - sulfur dioxide
    VOC - volatile organic compounds as defined in General Rule 101.1,
      does not include any VOCs speciated separately for an emission point
(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 Hrs/year__8,760___

                              Dated _____