EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9344/PSD-TX-243M2

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
CASE I - TURBINE AND DUCT BURNER FIRING				
COGEN-1	East Cogen Ge Frame 5 Turbine and 40 MMBtu/hr Duct Burner	NO_x CO VOC PM/PM_{10} SO_2	135.14 38.63 15.38 4.01 0.52	559.48 159.92 63.66 16.59 2.16
COGEN-2	West Cogen Ge Frame 5 Turbine and 40 MMBtu/hr Duct Burner	NO_x CO VOC PM/PM_{10} SO_2	135.14 38.63 15.38 4.01 0.52	559.48 159.92 63.66 16.59 2.16
CASE II - TURBINE ONLY				
COGEN-1	East Cogen Ge Frame 5 Turbine	NO_x CO VOC PM/PM_{10} SO_2	131.54 36.63 13.38 3.79 0.46	544.58 151.64 55.38 15.69 1.90
COGEN-2	West Cogen Ge Frame 5 Turbine	NO_x CO VOC PM/PM_{10} SO_2	131.54 36.63 13.38 3.79 0.46	544.58 151.64 55.38 15.69 1.90

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(1)   Emission point identification - either specific equipment designation or emission point number from a plot plan.
(2)   Specific point source names.
(3) NO_x -   total oxides of nitrogen
       CO   -   carbon monoxide
        VOC -   volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
       PM   -   particulate matter, suspended in the atmosphere, including PM_{10}
       PM_{10} -   particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
       SO_2 -   sulfur dioxide

   *   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_8,280_

                                                                Dated_____