EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 16968/PSD-TX-696M-1

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
COGEN 1	10 MW Rolls Royce Gas Turbine	NO_x	51.9	227.0
		CO	72.2	316.0
		SO_2	0.1	0.4
		VOC	2.8	12.2
		PM	1.9	8.3
COGEN 1	Duct Burner (HRSG) 90 MMBtu/hr	NO_x	5.4	23.7
		CO	3.2	14.0
		SO_2	0.1	0.6
		VOC	0.3	1.3
		PM	0.3	1.3

MAXIMUM EMISSION DURING COMBINED CYCLE FIRING

COGEN 1	10 MW Rolls Royce Gas Turbine and Duct Burner (HRSG)	NO_x	57.3	250.7
		CO	75.4	330.0
		SO_2	0.2	1.0
		VOC	3.1	13.5
		PM	2.2	9.6

MAXIMUM ALLOWABLE EMISSIONS FOR TURBINE ONLY WHEN TURBINE OUTPUT $\leq$ 9 MW(4)

COGEN 1	10 MW Rolls Royce Gas Turbine operating at less than 9 MW when HRSG is not operating.	NO_x	51.9	43.6
		CO	68.2	81.2
		SO_2	<0.1	0.1
		VOC	2.4	2.8

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                                        PM           1.9      1.6
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(1) Emission point identification - either specific equipment designation
    or emission point number from plot plan.

Permit No. 16968/PSD-TX-696M1
Page 2

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(2) Specific point source name. For fugitive sources use area name or
    fugitive source name.
(3) PM   - particulate matter less than 10 microns
    VOC - volatile organic compounds as defined in General Rule 101.1
    NO_x - total oxides of nitrogen
    SO_2 - sulfur dioxide
    CO   - carbon monoxide
(4) Emission rates are based upon and the turbine-only operational mode $\leq$
    9 MW is limited by the following maximum operating schedule: 1,680
    Hrs/yr

    *   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_____