

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
COGEN 1	Solar Mars T-14000 9.6 MW			NOx	19.5	85.3
				CO	14.1	61.9
				SO2	0.1	0.3
				VOC	8.1	35.6
				PM	0.6	2.5
COGEN 1	Duct Burner 90 MMBtu/hr(4)			NOx	5.4	23.7
				CO	3.2	14.0
				SO2	0.1	0.6
				VOC	0.3	1.3
				PM	0.3	1.3

MAXIMUM EMISSION DURING COMBINED CYCLE FIRING

COGEN 1	Solar Mars T-14000 and Duct Burner			NOx	24.9	109.0
				CO	17.3	75.9
				SO2	0.2	0.9
				VOC	8.4	36.9
				PM	0.9	3.8

- (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) PM - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

CO - carbon monoxide

(4) The duct burner is permitted to fire only in a combined cycle mode.

* 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