

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4659

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		
10 (5)	Gas Turbine 22MW (gas fired)			NO <sub>x</sub>	211	705
				CO	31.6	125
				VOC	6.9	27
				PM	12.0	48
				SO <sub>2</sub>	4.2	18
10 (6)	Gas Turbine 22MW (oil fired)			NO <sub>x</sub>	308	37
				CO	13.6	1.8
				VOC	4.8	0.7
				PM	17.3	2.3
				SO <sub>2</sub>	85.9	12

- (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  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) "Gas fired" hourly emissions are based on peak reserve load ratings while annual emissions are based on base load ratings.
- (6) "Oil fired" annual emissions are based on 300 hours per year of usage.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

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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
	Hrs/day____Days/week____	Weeks/year____	or Hrs/year____	