

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permits PSD-TX-806 and 21394

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)	Name (3)	Air Contaminant lb/hr	TPY	Emission Rates *
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CASE I: FIRING NATURAL GAS

5	RWM-4 Turbine		VOC	260.0	--
			NOx	137.0	--
			SO2	20.9	--
			PM10	4.5	--
			CO	1212.0	--
6	RWM-5 Turbine		VOC	260.0	--
			NOx	137.0	--
			SO2	20.9	--
			PM10	4.5	--
			CO	1212.0	--

## CASE I: FIRING FUEL OIL

5	RWM-4 Turbine		VOC	174.0	--
			NOx	235.0	--
			SO2	72.4	--
			PM10	22.7	--
			CO	671.0	--
6	RWM-5 Turbine		VOC	174.0	--
			NOx	235.0	--
			SO2	72.4	--
			PM10	22.7	--
			CO	671.0	--

## ANNUAL EMISSION LIMITS FIRING NATURAL GAS FOR 2,200 HR/YR AND FIRING FUEL OIL FOR 300 HR/YR.

5	RWM-4 Turbine		VOC	--	49.4
			NOx	--	161.0
			SO2	--	29.9
			PM10	--	7.3
			CO	--	224.0

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6	RWM-5 Turbine	VOC	--	49.4
		NOx	--	161
		SO2	--	29.9
		PM10	--	7.3
		CO	--	224.0

- (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  
PM10 - 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  
CO - carbon monoxide

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 2,500