

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permits Numbers 21394 and PSD-TX-806

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	Source	Air Contaminant	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
<u>CASE I: FIRING NATURAL GAS</u>				
5	RWM-4 Turbine	VOC	260.0	--
		NO <sub>x</sub>	137.0	--
		SO <sub>2</sub>	20.9	--
		PM <sub>10</sub>	4.5	--
		CO	1212.0	--
6	RWM-5 Turbine	VOC	260.0	--
		NO <sub>x</sub>	137.0	--
		SO <sub>2</sub>	20.9	--
		PM <sub>10</sub>	4.5	--
		CO	1212.0	--
<u>CASE I: FIRING FUEL OIL</u>				
5	RWM-4 Turbine	VOC	174.0	--
		NO <sub>x</sub>	235.0	--
		SO <sub>2</sub>	72.4	--
		PM <sub>10</sub>	22.7	--
		CO	671.0	--
6	RWM-5 Turbine	VOC	174.0	--
		NO <sub>x</sub>	235.0	--
		SO <sub>2</sub>	72.4	--
		PM <sub>10</sub>	22.7	--
		CO	671.0	--

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## AIR CONTAMINANTS DATA

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

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
		NO <sub>x</sub>	--	161.0
		SO <sub>2</sub>	--	29.9
		PM <sub>10</sub>	--	7.3
		CO	--	224.0
6	RWM-5 Turbine	VOC	--	49.4
		NO <sub>x</sub>	--	161
		SO <sub>2</sub>	--	29.9
		PM <sub>10</sub>	--	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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
 PM<sub>10</sub> - particulate matter (PM) 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.  
 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

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Dated \_\_\_\_\_