

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21411

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

### CASE I: NATURAL GAS FIRING (8,040 HRS/YR)(4)

BLR- 8	41 MMBtu/Hr Boiler (1,000-HP Johnston)	PM	0.41	-
		VOC	0.41	-
		NO <sub>x</sub>	1.50	-
		SO <sub>2</sub>	0.02	-
		CO	0.41	-

### CASE II: NO. 2 FUEL OIL FIRING (720 HRS/YR)(4)

BLR-8	41 MMBtu/Hr Boiler (1,000-HP Johnston)	PM	0.82	-
		VOC	0.41	-
		NO <sub>x</sub>	4.50	-
		SO <sub>2</sub>	8.32	-
		CO	0.82	-

### Annual Emission Rates

BLR-8	41 MMBtu/Hr Boiler (1,000-HP Johnston)	PM	-	1.95
		VOC	-	1.80
		NO <sub>x</sub>	7.64	-
		SO <sub>2</sub>	-	3.09
		CO	-	1.95

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- (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, suspended in the atmosphere, including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.  
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  
CO - carbon monoxide
  - (4) Emissions from maintenance, start-up and shutdown are included. MSS emissions are expected to be equal or less than the maximum allowable emission rates listed.
- \* 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 8,760

Dated April 23, 2008