

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2796A

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
P and S-BLR31	Boiler No. 5 (4)	NO <sub>x</sub>	20.60	27.36
		CO	5.20	6.84
		VOC	0.85	1.14
		SO <sub>2</sub>	0.08	0.12
		PM <sub>10</sub>	1.29	1.47
P and S-BLR139	Boiler No. 6 (4)	NO <sub>x</sub>	75.60	264.99
		CO	45.40	159.00
		VOC	7.80	27.49
		SO <sub>2</sub>	0.20	0.72
		PM <sub>10</sub>	1.69	5.93
P and S-BLR7	Boiler No. 7 (when firing only natural gas) 98.68	NO <sub>x</sub>	10.98	48.09
		CO	22.53	
		VOC	1.65	7.21
		SO <sub>2</sub>	17.08	18.70
		PM <sub>10</sub>	2.27	9.95
	Boiler No. 7 (additional emissions when 8.0e <sup>-6</sup> firing aniline waste gas) 0.004	Aniline	0.005	0.024
		Phenol		2.0e <sup>-6</sup>
		NH <sub>3</sub>		0.001
		Cyclohexanone	0.001	0.002
		Benzene	0.002	0.010

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P and S-BLRTMP1 Temporary Boiler	NO <sub>x</sub>	4.50	13.0
	CO	6.66	19.2
	VOC	0.49	1.40
	SO <sub>2</sub>	2.52	1.82
	PM <sub>10</sub>	0.67	1.93

- (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) NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code Section 101.1  
SO<sub>2</sub> - sulfur dioxide  
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.  
NH<sub>3</sub> - ammonia
- (4) After the initial performance testing of Boiler 7 (Emission Point No. [EPN] P and S-BLR7) has been completed but no later than May 1, 2003, Boilers 5 and 6 (EPNs PandS-BLR31 and P and S-BLR139) will no longer be authorized to operate.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated March 7, 2002