

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
P and S-BLR7	Boiler No. 7 (when firing only natural gas) 98.68	NO _x	10.98	48.09
		CO		22.53
		VOC	1.60	7.01
		SO ₂	16.63	18.21
		PM ₁₀ 2.21	9.69	
	Boiler No. 7 (additional emissions when 8.0e ⁻⁶ firing aniline waste gas) 0.004	Aniline	0.005	0.024
		Phenol		2.0e ⁻⁶
		NH ₃		0.001
		Cyclohexanone	0.001	0.002
		Benzene	0.002	0.010

- (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_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code § 101.1
SO₂ - sulfur dioxide
PM₁₀ - particulate matter (PM) 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.
NH₃ - ammonia

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

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schedule:

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

Dated May 11, 2007