

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

EMISSION CAP TABLE

Flexible Permit Number 56216

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*
51-7-5	Steam Boiler 5 (520 MMBtu/hr)	NO _x **	62.40	
		CO***	156.00	
		VOC	2.81	
		PM ₁₀	3.90	
		SO ₂	36.40	
		H ₂ SO ₄	2.76	
51-7-6	Steam Boiler 6 (520 MMBtu/hr)	NO _x **	62.40	
		CO***	156.00	
		VOC	2.81	
		PM ₁₀	3.90	
		SO ₂	36.40	
		H ₂ SO ₄	2.76	
51-7-8	Steam Boiler 8 (760 MMBtu/hr)	NO _x **	91.20	
		CO***	228.00	
		VOC	4.10	
		PM ₁₀	5.70	
		SO ₂	53.20	
		H ₂ SO ₄	4.03	
51-7-9	Steam Boiler 9 (888 MMBtu/hr)	NO _x **	106.56	
		CO***	266.40	
		VOC	4.80	
		PM ₁₀	6.66	
		SO ₂	62.16	
		H ₂ SO ₄	4.71	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY*</u>
<u>Emission Cap</u> (4)				
51-7-5, 51-7-6, 51-7-8, and 51-7-9	Steam Boilers 5, 6, 8, and 9	NO _x		366.49
		CO		458.11
		VOC (5)		18.30
		PM ₁₀	45.81	
		SO ₂	34.21	
		H ₂ SO ₄	1.83	

- (1) Emission point identification - either specific equipment designation or emission point number (EPN) from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM₁₀ - particulate matter 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
 H₂SO₄ - sulfuric acid
- (4) The emissions cap represents the maximum allowable emissions from the Boilers, EPNs 51-7-5, 51-7-6, 51-7-8, and 51-7-9. The sum of emissions from all EPNs under this permit shall not exceed the emissions cap.
- (5) Annual VOC emissions are limited by the VOC emissions cap in Permit Numbers 31914 and PSD-TX-857 established based on netting calculations.

* Compliance with annual emission limits is based on a rolling 12-month period.

** Compliance with hourly NO_x emission limits is based on a rolling 30-day period.

*** Compliance with hourly CO emission limits is based on a rolling 24-hour period.

Dated April 13, 2004