

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4438

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**
900-B-4	Steam Boiler (with Fuel Gas)(5)	NO _x	1.95	
		CO	3.90	
		PM	0.97	
		SO ₂	0.33	
		VOC	0.71	
	Steam Boiler (with LPG-NG)(5)	NO _x	2.34	
		CO	4.81	
		PM	0.40	
		SO ₂	0.06	
		VOC	0.38	
	Steam Boiler (5)	NO _x		10.25
		CO		21.07
		PM		4.27
		SO ₂		1.42
		VOC		3.09
FUG-B-4	Boiler Fugitives (4)	VOC	0.31	1.38
CT-2	Cooling Tower No. 2	VOC	0.27	1.18
		PM ₁₀	0.54	0.24
T-215	Tank 215	VOC	0.14	0.28
T-216	Tank 216	VOC	0.14	0.28
T-217	Tank 217	VOC	0.14	0.28
T-218	Tank 218	VOC	0.14	0.28

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
T-219	Tank 219	VOC	0.14	0.28
T-220	Tank 220	VOC	0.14	0.28

- (1) Emission point identification - either specific equipment designation or emission point number from a 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
CO - carbon monoxide
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 PM greater than 10 microns is emitted.
PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
LPG-NG - liquid natural gas and natural gas
- (4) Emission rate is an estimate and is enforceable through compliance with the applicable Special Condition(s) and permit application representations.
- (5) Age Refining Boiler EPN 900-B-4 is listed three times for the purposes of allowing two different types of fuel to be used, fuel gas and/or liquid petroleum gas-natural gas and has different hourly emission rates. The annual emission rates are cumulative.

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

Hrs/day___Days/week___Weeks/year___ or Hrs/year 8,760

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

Dated November 21, 2007