

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19211

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(4)	TPY*
B 24-2A	Boiler-Natural Gas Fuel	VOC	0.45	-
		NO _x	10.12	-
		SO ₂	1.14	-
		PM	0.63	-
		CO	2.95	-
	Boiler-Fuel Oil	VOC	0.13	-
		NO _x	14.04	-
		SO ₂	26.71	-
		PM	2.07	-
		CO	3.14	-
B 24-2A	Boiler-Gas and Oil Firing	VOC	-	1.8
		NO _x	41.5	-
		SO ₂	12.9	-
		PM	3.0	-
		CO	11.8	-
B 24-4A**	Boiler-Natural Gas Fuel	VOC	0.29	-
		NO _x	0.92	-
		SO ₂	1.14	-
		PM	0.62	-
		CO	3.10	-
	Boiler-Fuel Oil	VOC	0.13	-
		NO _x	9.11	-
		SO ₂	26.71	-
		PM	2.07	-
		CO	13.86	-

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B 24-4A**	Boiler-Gas and Oil Firing	VOC	-	1.2
		NO _x -	6.3	
		SO ₂ -	12.9	
		PM -	3.0	
		CO -	15.9	

(1) Emission point identification - either specific equipment designation or emission point number 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

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

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 in emitted.

CO - carbon monoxide

(4) At 110 percent of boiler rating natural gas fueled at 83.84 MMBtu/hr and fuel oil at 90.5 MM Btu/hr for EPN B 24-4A; or natural gas fueled at 84.32 MMBtu/hr and fuel oil at 87.78 MM Btu/hr for EPN B 24-2A.

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

8,760 hours/year - the annual emissions are based on the maximum of the following two cases:

Case (1) 8,760 hours natural gas firing or

Case (2) 8,040 hours/year natural gas firing and 720 hours No. 2 fuel oil firing

Annual emissions are based on the following rates at 100 percent boiler rating: for B24-2A, natural gas fueled at 76.58 MMBtu/hr and No. 2 fuel oil at 79.66 MMBtu/hr; for B24-4A, natural gas fuel at 76.14 MMBtu/hr, and No. 2 fuel oil at 82.27 MMBtu/hr.

** These emission rates are for representational purposes only. The emission rates reflect those

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authorized under Standard Permit Number 53868.

Dated September 20, 2004