

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, sources, and related activities. 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 (5)	
			lbs/hour	TPY (4)
B24-2A	Boiler- Natural Gas	NO _x (6)	2.78	--
		CO (6)	5.64	--
		VOC (6)	0.40	--
		SO ₂	1.04	--
		PM	0.55	--
		PM ₁₀	0.55	--
		PM _{2.5}	0.55	--
B24-2A	Boiler – Fuel Oil	NO _x (6)	8.80	--
		CO (6)	12.60	--
		VOC (6)	0.11	--
		SO ₂	4.05	--
		PM	1.88	--
		PM ₁₀	1.31	--
		PM _{2.5}	0.88	--
B24-2A	Boiler – Natural Gas and Fuel Oil	NO _x (6)	--	12.90
		CO (6)	--	24.48
		VOC (6)	--	1.48
		SO ₂	--	5.05
		PM	--	2.60
		PM ₁₀	--	2.41

Emission Sources - Maximum Allowable Emission Rates

		PM _{2.5}	--	2.27
B24-4A	Boiler- Natural Gas	NO _x (7)	0.92	--
		CO (7)	3.10	--
		VOC (7)	0.29	--
		SO ₂	1.14	--
		PM	0.61	--
		PM ₁₀	0.61	--
		PM _{2.5}	0.61	--
B24-4A	Boiler – Fuel Oil	NO _x (7)	9.11	--
		CO (7)	13.86	--
		VOC (7)	0.13	--
		SO ₂	4.45	--
		PM	2.07	--
		PM ₁₀	1.44	--
		PM _{2.5}	0.97	--
B24-4A	Boiler – Natural Gas and Fuel Oil	NO _x (7)	--	6.33
		CO (7)	--	15.87
		VOC (7)	--	1.11
		SO ₂	--	5.61
		PM	--	2.89
		PM ₁₀	--	2.68
		PM _{2.5}	--	2.53

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide

Emission Sources - Maximum Allowable Emission Rates

- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Planned maintenance, startup, and shutdown (MSS) emissions are included.

(6) Emission limits using flue gas recirculation on EPN B24-2A. These emission rates of CO, VOC, and NO_x reflect emission rates authorized under Standard Permit Registration Number 53868.

(7) Emission limits using an ultra-low NO_x burner on EPN B24-4A. These emission rates of CO, VOC, and NO_x reflect emission rates authorized under Standard Permit Registration Number 53868.

Date: October 17, 2014