

Emission Sources - Maximum Allowable Emission Rates

Permit Number 76247

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)
B24-5A	Boiler (6)	VOC	0.18	-
		SO ₂	1.21	-
		NO _x	0.98	-
		PM ₁₀	0.67	-
		PM _{2.5}	0.67	-
		CO	3.31	-
B24-5A	Boiler (7)	VOC	0.67	-
		SO ₂	24.84	-
		NO _x	8.40	-
		PM ₁₀	1.92	-
		PM _{2.5}	1.92	-
		CO	13.10	-
B24-5A	Boiler (8)	VOC	-	0.87
		SO ₂	-	12.56
		NO _x	-	6.34
		PM ₁₀	-	3.07
		PM _{2.5}	-	3.07
		CO	-	16.38

- (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

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PM ₁₀	- 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 authorized.
- (6) Emission rates are based on natural gas firing.
- (7) Emission rates are based on No. 2 oil firing.
- (8) Annual emissions are based on the following rates at 100 percent boiler rating: natural gas at 81.33 MMBtu/hr and No. 2 fuel oil at 76.32 MMBtu/hr.

Date: August 26, 2015