

Emission Sources - Maximum Allowable Emission Rates

Permit Number 1088A

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	
			lb/hr	TPY (4,9)
BLR-1	Boiler No. 1 (6, 8) 70 MMBtu/hr Firing Natural Gas	NO _x	2.52	-
		CO	5.77	-
		VOC	0.38	-
		PM ₁₀	0.53	-
		SO ₂	1.03	-
BLR-1	Boiler No. 1 (6,7, 8) 70 MMBtu/hr Firing Fuel Oil No. 2	NO _x	5.04	-
		CO	2.50	-
		VOC	0.10	-
		PM ₁₀	1.65	-
		SO ₂	3.55	-
BLR-2	Boiler No. 2 135 MMBtu/hr Firing Natural Gas	NO _x	4.86	-
		CO	11.12	-
		VOC	0.73	-
		PM ₁₀	1.01	-
		SO ₂	1.99	-
BLR-2	Boiler No. 2 (7) 135 MMBtu/hr Firing Fuel Oil No. 2	NO _x	4.86	-
		CO	4.83	-
		VOC	0.20	-
		PM ₁₀	3.19	-
		SO ₂	7.57	-

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BLR-1 and BLR-2	Annual Emission Rates	NO _x	-	21.62
		CO	-	48.71
		VOC	-	3.20
		PM ₁₀	-	6.82
		SO ₂	-	14.85

- (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
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Boiler No. 1 is limited to a maximum firing rate of 60 MMBtu/hr until testing demonstrates its ability to meet 0.036 lb NO_x/MMBtu at the higher firing rates.
- (7) Fuel oil firing is limited to 2,200 hours per year.
- (8) Pounds per hour include emissions from maintenance, startup, and shutdown activities (MSS).
- (9) The tons per year include the emissions from MSS from Boiler No. 1 only.

Date: April 24, 2013