

Emission Sources - Maximum Allowable Emission Rates

Permit Number 73319

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	
			lbs/hour	TPY (4)
EXHSTKB1	Boiler No. 1 180 MMBtu/hr	NO _x	6.50	28.40
		CO	13.50	59.10
		SO ₂	2.60	11.40
		PM ₁₀	1.40	6.10
		VOC	1.00	4.40
EXHSTKB4	Boiler No. 4 180 MMBtu/hr	NO _x	6.50	28.40
		CO	13.50	59.10
		SO ₂	2.60	11.40
		PM ₁₀	1.40	6.10
		VOC	1.00	4.40
EXHSTKB6	Boiler No. 6 209 MMBtu/hr	NO _x	2.09	9.15
		CO	7.84	34.33
		SO ₂	0.12	0.54
		PM	1.56	6.82
		PM ₁₀	1.56	6.82
		PM _{2.5}	1.56	6.82
		VOC	1.13	4.94
EXHSTKWHR1	Waste Heat Recovery Unit 115 MMBtu/hr Duct Burner W191 Turbine (15MW) Stack No. 1	NO _x	21.35	93.60
		CO	17.28	75.70
		SO ₂	1.50	6.50
		PM ₁₀	0.70	3.10

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		VOC	0.40	1.50
EXHSTKWHR2	Waste Heat Recovery Unit 115 MMBtu/hr Duct Burner W191 Turbine (15MW) Stack No. 2	NO _x	21.35	93.60
		CO	17.28	75.70
		SO ₂	1.50	6.50
		PM ₁₀	0.70	3.10
		VOC	0.40	1.50
EXHSTKWHR3	Waste Heat Recovery Unit 115 MMBtu/hr Duct Burner W191 Turbine (15MW) Stack No. 3	NO _x	21.35	93.60
		CO	17.28	75.70
		SO ₂	1.50	6.50
		PM ₁₀	0.70	3.10
		VOC	0.40	1.50

- (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
- 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.

Date: September 10, 2019