

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. 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**
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
EXHSTKB5	Boiler No. 5 (4) 121.5 MMBtu/hr	NO _x	13.00	6.50
		CO	0.75	0.38
		SO ₂	2.60	1.30
		PM ₁₀	1.40	0.70
		VOC	1.00	0.50
EXHSTKB5	Boiler No. 5 (5) 121.5 MMBtu/hr	NO _x	13.00	21.53
		CO	0.75	1.24
		SO ₂	2.60	4.31
		PM ₁₀	1.40	2.32
		VOC	1.00	1.66
EXHSTKB5	Boiler No. 5 (6)	NO _x	48.60	0.24
		CO	14.50	0.07
		SO ₂	2.60	0.01
		PM ₁₀	1.40	0.01
		VOC	1.00	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
EXHSTKB5	Boiler No. 5 121.5 MMBtu/hr	NO _x	13.00	33.23
		CO	0.75	1.98
		SO ₂	2.60	6.61
		PM ₁₀	1.40	3.56
		VOC	1.00	2.54
EXHSTKWHR1	Waste Heat Recovery Unit 115 MMBtu/hr Duct Burner W191 Turbine (15 MW) 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
		VOC	0.40	1.50
EXHSTKWHR2	Waste Heat Recovery Unit 115 MMBtu/hr Duct Burner W191 Turbine (15 MW) 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 (15 MW) 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 a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

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- (4) Emission rate limits for backup services limited to 1,000 hours per rolling 12-month period only as specified in Special Condition No. 5.
- (5) Emission rate limits during temporary service as defined in Special Condition No. 5.
- (6) Emission rate limits during stack testing at 180MMBtu/hr maximum firing rate limited to 10 hours.

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

_____ Hrs/day _____ Days/week _____ Weeks/year or 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated April 7, 2008