

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 40418

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**
01	HRSG Stack (4) (Natural Gas fired in Combustion Turbine Generator [CTG] and Duct Burner [DB])	NO _x CO VOC PM ₁₀ SO ₂	24.39 7.34 4.20 0.82 1.35	107.64 32.27 18.42 3.62 8.84
01	HRSG Stack (5) (No. 2 fuel oil fired in CTG and natural gas fired DB)	NO _x CO VOC PM ₁₀ SO ₂	32.78 8.64 4.40 1.07 31.79	
01	HRSG Stack (Natural Gas fired in DB in fresh air mode)	NO _x CO VOC PM ₁₀ SO ₂	7.50 5.00 3.00 0.50 0.68	
BOILERS	Cleaver Brooks Boiler No. 1 (natural gas fired)	NO _x CO VOC PM ₁₀ SO ₂	1.14 1.31 0.13 0.33 0.03	
BOILERS	Cleaver Brooks Boiler No. 1 (No. 2 fuel oil fired) (5)	NO _x CO VOC PM ₁₀ SO ₂	3.92 1.27 0.07 0.82 16.98	

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BOILERS	Cleaver Brooks Boiler No. 2 (natural gas fired)	NO _x CO VOC PM ₁₀ SO ₂	1.14 1.31 0.13 0.33 0.03	
BOILERS	Cleaver Brooks Boiler No. 2 (No. 2 fuel oil fired) (5)	NO _x CO VOC PM ₁₀ SO ₂	3.92 1.27 0.07 0.82 16.98	
BOILERS	Cleaver Brooks Boilers No. 1 and No. 2 (natural gas fired) (6)	NO _x CO VOC PM ₁₀ SO ₂	2.28 2.61 0.26 0.66 0.06	11.99 11.43 1.14 3.24 12.47
BOILERS	Cleaver Brooks Boilers No. 1 and No. 2 (No. 2 fuel oil fired) (5)(6)	NO _x CO VOC PM ₁₀ SO ₂	7.84 2.54 0.14 1.64 33.96	

- (1) Emission point identification.
 (2) Specific point source names.
 (3) NO_x - total oxides of nitrogen
 CO - carbon monoxide
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

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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.

SO₂ - sulfur dioxide

- (4) The lb/hr emission rates are for natural gas firing only. The tons per year emission rate for EPN 01 includes 192 hours of No. 2 fuel oil firing per year.
- (5) No. 2 fuel oil is authorized for firing in the CTG and the Cleaver Brooks Boilers only and is limited to 192 hours per year for the CTG and 720 hours per year for each Cleaver Brooks Boiler.
- (6) The lb/hr emissions rates are applicable when Cleaver Brooks Boilers No. 1 and No. 2 are firing together. The tons per year emission rates for EPN BOILERS are the combined annual emissions from both Cleaver Brooks Boilers.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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

Dated August 17, 2009