

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2958A

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

CASE I: Firing a blend of fuel gas and residual liquid waste

E02B030**	Boiler No. 53	PM	52.45	---
		VOC	2.68	---
		NO _x	46.80	---
		SO ₂	9.08	---
		CO	33.51	---

CASE II: Firing 100 percent fuel gas

E02B030**	Boiler No. 53		PM 2.21	---
		VOC	1.74	---
		NO _x	26.46	---
		SO ₂	6.03	---
		CO	28.15	---

ANNUAL EMISSIONS

E02B030	Boiler No. 53	PM	---	25.00
		VOC	---	5.67
		NO _x	---	170.82
		SO ₂	---	21.99
		CO	---	131.58
F02B001-01	Boiler No. 53 Fugitives	VOC	0.09	0.39

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- (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 area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide

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

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

- ** The emission rates are based on the Boiler No. 53 maximum design heat input capacity of 441 MMBtu/hr when firing 100 percent plant mixed fuel gas only and 390 MMBtu/hr when firing the fuel gas/residual waste fuel combination.

Dated _____