

Emission Sources - Maximum Allowable Emission Rates

Permit Number 807

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)
S-3	Babcock and Wilcox Boiler 1533 MMBtu/hr (firing natural gas) (5)	NO _x	92.02	370.20
		CO	460.11	1851.00
		VOC	1.04	4.18
		PM ₁₀	23.0	92.55
		SO ₂	20.8	4.18

- (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) NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
SO₂ - sulfur dioxide
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) The lbs/hour and tpy emission limits specified in the MAERT for this facility include emissions from the facility during both normal operations and planned startup and shutdown activities.

*Emission rates are based on an operating schedule of 8,760 hours/year.

Date: October 15, 2020