

Emission Sources - Maximum Allowable Emission Rates

Permit Number 771A

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)
EPN 15	HYCO Steam Boiler 22.04 20 MMBtu/hr	NO _x	2.22	9.72
		CO	1.86	8.20
		PM	0.17	0.74
		PM _{2.5}	0.17	0.74
		PM ₁₀	0.17	0.74
		VOC	0.12	0.53
		SO ₂	0.32	1.39
EPN 15-MSS (5)	HYCO Steam Boiler 22.04 MSS Emissions	NO _x	2.22	
		CO	1.86	
		PM	0.17	
		PM _{2.5}	0.17	
		PM ₁₀	0.17	
		VOC	0.12	
		SO ₂	0.32	
EPN 15-INS (6)	HYCO Steam Boiler 22.04 Insignificant Activities	VOC	2.50	0.80

- (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.
- (5) Maintenance, Startup, and Shutdown (MSS) activities, which exit the boiler stacks, as defined in the special conditions. Long-term emissions from MSS activities are included in the authorized routine long-term emission rates.
- (6) Insignificant activities associated with the boiler, but do not exit the boiler stack, are defined in the special conditions.

Date: February 27, 2020