

Emission Sources - Maximum Allowable Emission Rates

Permit Number 47794

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)
01-1	Hot Water Heater (3.8 MMBtu/hr)	NO _x	0.37	1.62
		CO	0.31	1.36
		VOC	0.02	0.09
		PM	0.03	0.12
		SO ₂	0.01	0.01
01-2	Hot Water Heater (2.4 MMBtu/hr)	NO _x	0.23	1.03
		CO	0.20	0.86
		VOC	0.01	0.06
		PM	0.02	0.08
		SO ₂	0.01	0.01
01-3	Boiler 50-HP (2.5 MMBtu/hr)	NO _x	0.24	1.07
		CO	0.21	0.90
		VOC	0.01	0.06
		PM	0.02	0.08
		SO ₂	0.01	0.01
01-4	Flare (40-ft, air assisted, w/suppl. gas firing)	NO _x	2.37	10.36
		CO	4.72	20.69
		VOC	119.84	5.46
		PM	0.13	0.56
		SO ₂	20.41	2.08

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01-5	Washrack (4 bays)	VOC	38.35	16.18
01-6	First Flush Tank 1 (10,000-gal. capacity)	VOC	0.09	0.09
01-7	First Flush Tank 2 (10,000-gal. capacity)	VOC	0.09	0.09
01-8	Holding Tank 1 (10,000-gal. capacity)	VOC	0.08	0.06
01-9	Holding Tank 2 (10,000-gal. capacity)	VOC	0.08	0.06
01-10	First Flush Loading	VOC	0.12	0.02

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1 (includes the non-VOC carbon compounds listed on attachments; List I and List II)
 - 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
 - CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

Date: January 13, 2012