

Emission Sources - Maximum Allowable Emission Rates

Permit Number 40710

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 (5) *	
			lbs/hour	TPY (4)
B-1	Kelton Boiler 1	VOC	0.01	0.02
		NO _x	0.12	0.28
		CO	0.10	0.24
		SO ₂	0.01	0.01
		PM ₁₀	0.01	0.02
B-2	Kelton Boiler 2	VOC	0.01	0.03
		NO _x	0.24	0.57
		CO	0.20	0.48
		SO ₂	0.01	0.01
		PM ₁₀	0.02	0.04
B-3	50-hp Boiler	VOC	0.01	0.01
		NO _x	0.01	0.03
		CO	0.01	0.03
		SO ₂	0.01	0.01
		PM ₁₀	0.01	0.01
FL-1	Flare	VOC	18.80	3.49
		NO _x	0.24	0.58
		Acetone	6.20	0.39
		Methyl Acetate	7.24	0.45
		HCl	0.09	0.02
		CO	0.48	1.15
		SO ₂	1.10	0.07
WR-1	Wash Rack (7)	VOC	38.15	17.35
		Inorganics	0.07	0.34

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WW	Waste Water Fugitives (6)	VOC	0.55	1.32
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- (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
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
CO - carbon monoxide
HCl - hydrochloric acid
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
(6) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

__Hrs/day __Days/week __Weeks/year or 4,810 Hrs/year

Date: June 21, 2019