

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
B-1	Kelton Boiler 1	VOC	0.01	0.03
		NO _x	0.12	0.53
		CO	0.10	0.44
		SO ₂	<0.01	<0.01
		PM ₁₀	0.01	0.04
B-2	Kelton Boiler 2	VOC	0.01	0.06
		NO _x	0.24	1.05
		CO	0.20	0.88
		SO ₂	<0.01	0.01
		PM ₁₀	0.02	0.08
B-3	50-hp Boiler	VOC	<0.01	<0.01
		NO _x	0.01	0.06
		CO	0.01	0.05
		SO ₂	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
FL-1	Flare (5)	VOC	19.15	24.00
		NO _x	2.82	0.94
		CO	5.63	1.88
		Acetone	6.20	0.39
		methyl acetate	7.24	0.45
		HCl	0.09	0.02
		SO ₂	1.10	0.07
WR-1	Wash Rack (5)	VOC	76.37	24.00
		Inorganics	1.18	2.58
TK-001	First Flush Tank No. 1	VOC	2.13	0.01
TK-002	First Flush Tank No. 2	VOC	2.13	0.01
TK-003	First Flush Tank No. 3	VOC	2.13	0.01

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WW	Wastewater Fugitives (4)	VOC	0.04	0.18
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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 30 Texas Administrative Code Section 101.1
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
 - SO₂ - sulfur dioxide
 - PM₁₀ - particulate matter (PM) 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.
 - HCl - hydrogen chloride
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The combined annual emission rate from the Wash Rack (EPN WR-1) and the Flare (EPN FL-1) shall not exceed 24.00 TPY.

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

_____Hrs/day _____Days/week _____Weeks/year or _____8,760
Hrs/year

Dated_____