

Emission Sources - Maximum Allowable Emission Rates

Permit Number 49040

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 (7)	
			lbs/hour	TPY (4)
1	Steam Conditioning Cylinder 1 (5)	VOC	2.74	3.43
2	Steam Conditioning 2 (5)	VOC	2.74	3.43
3	Treatment Cylinder 3 (5)(6)	VOC	0.22	0.27
4	Stream Conditioning 4 (5)	VOC	2.74	3.43
DSL1	Diesel Tank 1 (5)	VOC	0.03	0.06
DSL2	Diesel Tank 2 (5)	VOC	0.03	0.06
DSL3	Diesel Tank 3 (5)	VOC	0.03	0.06
KOTNT	Knockout Tank (5)(6)	VOC (creosote)	3.01	2.85
		VOC	0.03	12.10
EFUG	Equipment Fugitives (5)(6)	VOC	<0.01	0.57
PP1	Pole Peeler (5)	PM	0.83	1.08
		PM ₁₀	0.83	1.08
BPole	Black Pole Storage Are (5)(6)	VOC	2.32	10.14

- (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
- 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
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

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- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) VOC in sources associated with creosote treatment (excludes boilers) include four Hazardous Air Pollutants (HAPs): naphthalene, dibenzofuran, biphenyl, and quinoline. Naphthalene represents the HAP of the highest concentration in VOCs, approximately 16 percent of the total VOC amount. The remaining three HAPs are present at a combined concentration of less than 6 percent of the total VOC amount.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

The following emission points have been previously authorized as follows:

Tank E: Special Exemption X-2609

Cylinder 4: Permit by Rule Registration No. 41722

Date: March 6, 2014