

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)
3	Treatment Cylinder 3 (5)	VOC	0.44	1.27
PP1	Pole Peeler	PM	0.32	1.40
		PM ₁₀	0.18	0.77
Bpole	Black Pole Storage Area(5)(6)	VOC	2.70	11.83
DK1	Dry Kiln 1	VOC	6.00	26.26
		PM	0.05	0.21
		PM ₁₀	0.05	0.21
		PM _{2.5}	0.02	0.10
DK2	Dry Kiln 2	VOC	6.00	26.26
		PM	0.05	0.21
		PM ₁₀	0.05	0.21
		PM _{2.5}	0.02	0.10
DK3	Dry Kiln 3	VOC	6.00	26.26
		PM	0.05	0.21
		PM ₁₀	0.05	0.21
		PM _{2.5}	0.02	0.10
RMAINT	Routine Maintenance	VOC	0.01	0.01
B1	Biomass Boiler #1	PM ₁₀	10.73	47.01
		PM _{2.5}	6.37	27.91
		SO ₂	0.84	3.67
		CO	20.12	88.14
		NO _x	7.38	32.32
		VOC	0.57	2.50
3P	Treatment Cylinder	VOC	1.22	3.56

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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
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
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
Pb - lead
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (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 include the following hazardous air pollutants: formaldehyde, methanol, acetaldehyde, acrolein, phenol, propionaldehyde, naphthalene, dibenzofuran, quinoline, biphenyl, and benzene.
- (7) Planned startup and shutdown emissions are included.

Date: January 17, 2019