

Emission Sources - Maximum Allowable Emission Rates

Permit Number 72580

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 (6)	
			lbs/hour	TPY (4)
1	Sawmill Debarker (5)	PM	1.24	1.27
		PM ₁₀ *	0.62	0.63
		PM _{2.5}	0.62	0.63
		Wood Dust	0.62	0.63
2	Sawmill Cyclone Stack	PM	3.59	3.66
		PM ₁₀ *	1.79	1.83
		PM _{2.5}	1.79	1.83
		Wood Dust	1.79	1.83
3	Chipper (5)	PM	0.10	0.10
		PM ₁₀ *	0.05	0.05
		PM _{2.5}	0.05	0.05
		Wood Dust	0.05	0.05
4	Fractionated Wood Loadout (5)	PM	2.70	2.75
		PM ₁₀ *	1.35	1.38
		PM _{2.5}	1.35	1.38
		Wood Dust	1.35	1.38

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5	Sawmill Bark Loadout (5)	PM	<0.01	<0.01
		PM ₁₀ [*]	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		Wood Dust	<0.01	<0.01
6	Chip Loadout Cyclone Stack	PM	0.01	0.01
		PM ₁₀ [*]	0.01	0.01
		PM _{2.5}	0.01	0.01
		Wood Dust	0.01	0.01
7	Planer Cyclone Stack	PM	0.49	0.50
		PM ₁₀ [*]	0.25	0.25
		PM _{2.5}	0.25	0.25
		Wood Dust	0.25	0.25
8	Shavings Loadout Cyclone Stack	PM	0.12	0.12
		PM ₁₀ [*]	0.06	0.06
		PM _{2.5}	0.06	0.06
		Wood Dust	0.06	0.06
9 and 10	Lumber Drying and Dip Tank	VOC	0.23	1.01
11	Diesel Tank	VOC	<0.01	<0.01
12	Hydraulic Oil Storage Tank	VOC	<0.01	<0.01
13	Used Oil Tank	VOC	<0.01	<0.01
14	Motor Oil Tank	VOC	<0.01	<0.01
15	Yard Debarker (5)	PM	0.83	0.84

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		PM ₁₀ *	0.41	0.42
		PM _{2.5}	0.41	0.41
		Wood Dust	0.41	0.41
16	Yard Bark Loadout (5)	PM	<0.01	<0.01
		PM ₁₀ *	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		Wood Dust	<0.01	<0.01

- (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
- (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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

* PM₁₀ is also counted as PM_{2.5} and wood dust.

Date: September 19, 2014