

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 17395/PSDTX1008M1

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)
LU-04-FU (7)	West Lumber Kilns 1 and 2	VOC (as C)	35.00	118.75
		PM	1.04	3.51
		PM ₁₀	1.04	3.51
		MeOH	4.79	16.25
		CHOH	0.48	1.63
LU-05-FU (7)	East Lumber Kilns 1 and 2	VOC (as C)	35.00	118.75
		PM	1.06	3.51
		PM ₁₀	1.06	3.51
		MeOH	4.90	16.25
		CHOH	0.49	1.63
LU-09	Wood-Fired Boiler Wet Scrubber Stack	VOC (as C)	2.47	10.82
		NO _x	30.44	133.32
		SO ₂	0.67	2.94
		PM	19.44	85.14
		PM ₁₀	9.72	42.57
		CO (8)	411.61	1416.49
LU-LOGSST-FU	Log Storage (5)	PM	1.07	2.98
		PM ₁₀	1.07	2.98
LU-BARK-FU*	Sitewide Bark Handling (5)	PM	2.48	4.95
		PM ₁₀	0.03	0.05

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		PM _{2.5}	0.01	0.01
LU-10A-FU	Lumber Fuel Truck Dump (5)	PM	0.01	<0.01
		PM ₁₀	<0.01	<0.01
LU-SM-FU	Sawmill (5)	PM	0.23	0.55
		PM ₁₀	0.08	0.20
		PM _{2.5}	0.02	0.06
LU-TL-FU	Sawdust Truck Loading (5)	PM	0.04	0.02
		PM ₁₀	0.02	0.01
		PM _{2.5}	<0.01	<0.01
LU-TLSH-FU	Shavings Truck Loading (5)	PM	0.04	0.01
		PM ₁₀	0.02	<0.01
		PM _{2.5}	<0.01	<0.01
LU-MH-FU*	Material Handling (5)	PM	0.23	0.63
		PM ₁₀	0.11	0.30
		PM _{2.5}	0.02	0.05
LU-CS-FU	Cooling Shed (5)	VOC (as C)	3.09	10.37
		MeOH	0.42	1.42
		CHOH	0.04	0.14
LU-02	Planer Mill Baghouse Stack	PM	0.75	2.98
		PM ₁₀	0.75	2.98
LU-03	Dry Trim/Finger Jointing Baghouse Stack	PM	1.27	3.50
		PM ₁₀	1.27	3.50
LU-FINLU-FU	Finished Lumber (5) (5)	VOC (as C)	0.35	1.18
LU-11	Gasoline Tank (5)	VOC (9)	112.49	2.50
LU-12	Diesel Tank (5)	VOC (9)	0.35	<0.01

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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
- 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
- CO - carbon monoxide
- MeOH - methanol
- CHOH - formaldehyde
- (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, as well as planned maintenance activities identified as part of permit alteration issued on March 28, 2013.
- (7) For demonstrating compliance, emissions from the kilns (EPNs LU-04-FU and LU-05-FU) should be summed. Short-term emission rates are averaged over kiln cycle time.
- (8) CO compliance shall be demonstrated on a 24-hour average basis.
- (9) VOC as species

* Include emissions associated with the Boiler Fuel House (previously EPN LU-10-FU).

Date: June 27, 2016