

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 17395 and PSD-TX-1008M1

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lbs/hr	TPY
LU-04-Fu#	West Lumber Kilns 1 and 2	PM/PM ₁₀	1.04	3.51
		VOC (as C)	35.00	118.75
		MeOH	4.79	16.25
		CHOH	0.48	1.63
LU-05-Fu#	East Lumber Kilns 1 and 2	PM/PM ₁₀	1.06	3.51
		VOC (as C)	35.80	118.75
		MeOH	4.90	16.25
		CHOH	0.49	1.63
LU-09	Wood-Fired Boiler	PM	16.34	71.56
		PM ₁₀	8.17	35.78
		VOC (as C)	2.47	10.82
		NO _x	30.44	133.32
		CO	323.40	1416.49
		SO ₂	0.67	2.94
LU-LOGSTFU	Log Storage (4)(5)	PM	1.07	2.98
LU-10-FU	Boiler Fuel House (4) 2.26		PM	0.52
		PM ₁₀	0.26	1.13
LU-10A-FU	Lumber Fuel Truck Dump (4) <0.01		PM	0.01
		PM ₁₀	<0.01	<0.01
LU-SM-FU	Sawmill (4)	PM	0.06	0.13
		PM ₁₀	0.03	0.06

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lbs/hr	TPY
LU-TL-FU	Truck Loading (4)(5)	PM	<0.01	0.01
		PM ₁₀	<0.01	0.01
LU-CS-FU	Cooling Shed (4)(5)	VOC (as C)	3.09	10.37
		MeOH 0.42	1.42	
		CHOH 0.04	0.14	
LU-02	Planer Mill Baghouse (6) 2.98		PM ₁₀	0.75
LU-03	Dry Trim/Finger Jointing 3.50 Baghouse (6)		PM ₁₀ ##	1.27
LU-FINLUFU	Finished Lumber (4)(5) 1.18	VOC (as C)		0.35
LU-11	Gasoline Tank (4)(6)	VOC###	112.49	2.50
LU-12	Diesel Tank (4)(6)	VOC###	0.35	<0.01

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use area name or fugitive source name.

(3) PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.

MeOH - methanol

CHOH - formaldehyde

(4) Fugitive emissions are an estimate only. Rates are averaged over kiln cycle time.

(5) Previously grandfathered but now permitted

(6) Previously operating under exemption but now permitted

* Emission rates are based on and the facilities are limited by the

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following maximum operating schedule and operating parameters:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Boiler: 120,000 lb/hour
of steam production
3,888 lb steam per MBF dried
175 MMBtu/hour of heat input

Lumber Production: 183 million nominal board feet (MBF) per charge for
any of the four kilns and
175 MBF per charge for any of the remaining three
kilns. 250 MMBF per year for
all the four kilns._

- # For demonstrating compliance, emissions from the kilns (EPNs LU-04-FU and LU-05-FU) should be summed.
- ## Emissions based on annual fines throughput of 28,000 tpy.
- ### VOC as species.