

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19781

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 *	
			lb/hr	TPY**
SHAVCYC	Shavings Transfer Cyclone	PM	3.77	16.51
		PM ₁₀	8.26	
SAWCBCYC	Old Chip Bin Sawdust Cyclone	PM	0.59	2.59
		PM ₁₀	1.29	
SILO1CYC	Sawdust Silo No. 1 Cyclone	PM	0.59	2.59
		PM ₁₀	1.29	
SILO2CYC	Sawdust Silo No. 2 Cyclone	PM	0.59	2.59
		PM ₁₀	1.29	
SAW3CYC	Sawdust Silo No. 3 Cyclone	PM	0.59	2.59
		PM ₁₀	1.29	
BLR1	Gasifier No. 1	VOC	0.36	1.57
		PM	28.55	
		PM ₁₀	24.09	
		NO _x	26.50	
		CO	72.27	
		SO ₂	3.01	
BLR1A	Gasifier No. 1 Relief Stack	VOC	2.13	0.96
		PM	1.47	
		PM ₁₀	1.24	
		NO _x	1.36	
		CO	3.71	
		SO ₂	0.15	
BLR2	Gasifier No. 2	VOC	0.36	1.57
		PM	28.55	
		PM ₁₀	24.09	
		NO _x	26.50	
		CO	72.27	
		SO ₂	3.01	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
BLR2A	Gasifier No. 2 Relief Stack	VOC	2.13	0.96
		PM	3.26	
		PM ₁₀	2.75	
		NO _x	3.03	
		CO	8.25	
		SO ₂	0.34	
HURSTBLR	Hurst Boiler	VOC	0.38	1.66
		PM ₁₀	7.30	
		NO _x	6.42	
		CO	17.52	
		SO ₂	0.73	
			3.20	
DK-WEST	Dry Kiln West	VOC	15.54	
		MeOH	0.23	
		HCHO	0.06	
DK-EAST	Dry Kiln East	VOC	11.74	
		MeOH	0.17	
		HCHO	0.05	
DK-3	New Dry Kiln	VOC	17.04	
		MeOH	0.25	
		HCHO	0.07	
DRYKILNS	Dry Kiln West, Dry Kiln East and New Dry Kiln	VOC		142.00
		MeOH		2.10
		HCHO		0.58
SAWFUG	Log Sawing Fugitives (4)	PM	0.70	1.85
		PM ₁₀	0.35	
DBRKFUG	Debarking Fugitives (4)	PM	0.15	0.20
		PM ₁₀	0.08	
CHIPFUG	Chipper Fugitives (4)	PM	<0.01	<0.01
		PM ₁₀	<0.01	

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			lb/hr	TPY**
SCRNFUG	Screening Fugitives (4)	PM PM ₁₀ 0.03	0.06 0.03	0.05
BUTTDCCR	Butt Reducer (4)	PM PM ₁₀ <0.01	<0.01 <0.01	<0.01
TUBFUG	Tub Grinder Fugitives (4)	PM PM ₁₀ <0.01	<0.01 <0.01	<0.01
ASHHAND	Ash Handling Fugitives (4)	PM PM ₁₀ <0.01	<0.01 <0.01	<0.01
BARKLOAD	Bark Truck Loading (4)	PM PM ₁₀ 0.01	0.03 0.01	0.04
CHIPLOAD	Chip Truck Loading (4)	PM PM ₁₀ 0.02	0.05 0.02	0.06
SDHLOAD	Sawdust Hopper Loading (4)	PM PM ₁₀ <0.01	<0.01 <0.01	<0.01
SILOFEED	Sawdust Silo Infeed Hopper (4)	PM PM ₁₀	0.04 0.01	0.04 0.02
DBINLOAD	Sawdust Truck Bin Loading (4)	PM PM ₁₀	0.06 0.02	<0.01 <0.01
DTRKLOAD	Sawdust Truck Loading (4)	PM PM ₁₀ 0.02	0.06 <0.01	<0.01
SBINLOAD	Shavings Truck Bin Loading (4)	PM PM ₁₀	0.02 0.01	0.03 0.01
STRKLOAD	Shavings Truck Loading (4)	PM PM ₁₀ 0.01	0.02 0.01	0.03

EMISSIONS FROM SOURCE(S) MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
PAINT	Paint Marking (4)	VOC	3.90	0.08
		PM ₁₀ 1.37	0.03	
PARTWASH	Remote Reservoir Part Washer (4)	VOC	6.70	2.01

(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 an area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

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 particulate matter greater than 10 microns is emitted.

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

MeOH - methanol

HCHO - formaldehyde

(4) Fugitive emissions are an estimate only.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

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

** Compliance with annual emission limits is based on a rolling 12-month period.

Maximum production is limited to 121,400 finished board feet per charge for Dry Kiln West, 91,200 finished board feet per charge for Dry Kiln East, 132,000 finished board feet per charge for the new Dry Kiln, and combined kiln annual lumber throughput of 100,000,000 finished board feet.

Dated May 24, 2005