

# 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 <sub>10</sub>	3.77	16.51
SILO1CYC	Sawdust Silo No. 1 Cyclone	PM <sub>10</sub>	0.59	2.59
SILO2CYC	Sawdust Silo No. 2 Cyclone	PM <sub>10</sub>	0.59	2.59
SAWTBCYC	Sawdust Truck Bin Cyclone	PM <sub>10</sub>	0.59	2.59
BLR1	Boiler/Gasifier No. 1	VOC	0.60	2.63
		PM	13.99	61.26
		PM <sub>10</sub>	8.66	37.92
		NO <sub>x</sub>	1.27	5.54
		CO	21.98	96.24
		SO <sub>2</sub>	0.25	1.09
BLR1a	Boiler/Gasifier No. 1 Relief Stack	VOC	2.13	0.96
		PM	6.99	3.15
		PM <sub>10</sub>	4.33	1.95
		NO <sub>x</sub>	0.63	0.28
		CO	10.99	4.95
		SO <sub>2</sub>	0.12	0.06
BLR2	Boiler/Gasifier No. 2	VOC	0.50	2.17
		PM	11.55	50.59
		PM <sub>10</sub>	7.15	31.32
		NO <sub>x</sub>	1.05	4.58
		CO	18.15	79.50
		SO <sub>2</sub>	0.21	0.90

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BLR2a	Boiler/Gasifier No. 2 Relief Stack	VOC	2.13	0.96
		PM	5.78	2.60
		PM <sub>10</sub>	3.58	1.61
		NO <sub>x</sub>	0.52	0.24
		CO	9.08	4.08
		SO <sub>2</sub>	0.10	0.05
DK-WEST	Dry Kiln West	VOC	20.66	73.46
		PM <sub>10</sub>	3.10	11.02
DK-EAST	Dry Kiln East	VOC	15.68	56.03
		PM <sub>10</sub>	2.35	8.40
SAWFUG	Log Sawing Fugitives (4)	PM <sub>10</sub>	1.47	1.43
DBRKFUG	Debarking Fugitives (4)	PM <sub>10</sub>	1.01	0.98
CHIPFUG	Chipping Fugitives (4)	PM <sub>10</sub>	<0.01	<0.01
SCRNFUG	Screening Fugitives (4)	PM <sub>10</sub>	0.82	0.82
BUTTRDCR	Butt Reducer	PM <sub>10</sub>	<0.01	<0.01
TUBFUG	Tub Grinder Fugitives (4)	PM <sub>10</sub>	<0.01	<0.01
ASHHAND	Ash Handling Fugitives (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
BARKLOAD	Bark Truck Loading (4)	PM	0.03	0.03
		PM <sub>10</sub>	0.01	0.01
CHIPLOAD	Chip Truck Loading	PM	0.09	0.10
		PM <sub>10</sub>	0.03	0.03
SDHLOAD	Sawdust Hopper Loading (4)	PM	0.05	<0.01
		PM <sub>10</sub>	<0.01	<0.01

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			lb/hr	TPY**
SILOFEED	Sawdust Silo Infeed Hopper (4)	PM	0.05	<0.01
		PM <sub>10</sub> 0.02	<0.01	
DBINLOAD	Sawdust Bin Truck Loading (4)	PM	0.06	0.01
		PM <sub>10</sub> 0.02	<0.01	
DTRKLOAD	Sawdust Truck Loading (4)	PM	0.06	0.01
		PM <sub>10</sub> 0.02	<0.01	
SBINLOAD	Shavings Truck Bin Loading (4)	PM	0.03	0.03
		PM <sub>10</sub> 0.01	0.01	
STRKLOAD	Shavings Truck Loading (4)	PM	0.03	0.03
		PM <sub>10</sub> 0.01	0.01	
PAINT	Paint Marking (4)	VOC	0.98	0.61
		PM <sub>10</sub> 0.34	0.21	
PARTWASH	Sawmill Parts Washer (4)	VOC	0.34	0.37
SHOPPW	Shop Parts Washer (4)	VOC	0.34	0.37

(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 Section 101.1

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.

PM<sub>10</sub> - 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<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

SO<sub>2</sub> - sulfur dioxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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- \* 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.

Dated: \_\_\_\_\_