EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18356

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**
10	Shavings Cyclone	PM	2.00	8.76
		PM_{10}	1.06	4.63
BLR1	Boiler No.1 Cyclone Stack	VOC	0.50	2.20
		PM	5.90	25.84
		PM_{10}	5.90	25.84
		NO_x	10.47	45.87
		CO	11.36	49.75
		SO_2	0.74	3.23
BLR1a	Boiler Bypass Vent No. 1	VOC	2.13	0.80
		PM	5.90	2.21
		PM_{10}	5.90	2.21
		NO_x	10.47	3.93
		CO	11.36	4.26
		SO_2	0.74	0.28
BLR2	Boiler No. 2 Cyclone Stack	VOC	0.50	2.20
		PM	5.90	25.84
		PM_{10}	5.90	25.84
		NO_x	10.47	45.87
		CO	11.36	49.75
		SO_2	0.74	3.23
BLR2a	Boiler Bypass Vent No. 2	VOC	2.13	0.80
		PM	5.90	2.21
		PM_{10}	5.90	2.21
		NO_x	10.47	3.93
		CO	11.36	4.26
		SO_2	0.74	0.28

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

BLR3G	Boiler No. 3 Cyclone Stack	VOC	0.50	2.20
		PM	5.90	25.84
		PM_{10}	5.90	25.84
		NO_x	10.47	45.87
		CO	11.36	49.75
		SO_2	0.74	3.23
BLR3Ga	Boiler Bypass Vent No. 3	VOC	2.13	0.80
		PM	5.90	2.21
		PM_{10}	5.90	2.21
		NO_x	10.47	3.93
		CO	11.36	4.26
		SO_2	0.74	0.28
DK1	Steam Dry Kiln No. 1	VOC	4.40	
DK2	Steam Dry Kiln No. 2	VOC	4.40	
DK3	Steam Dry Kiln No. 3	VOC	2.95	
KILNS	Combined Lumber Dry Kilns (DK1, DK2, DK3, TODK1, and TODK2)	VOC		227.20
TODK1	Thermal Oil Dry Kiln No. 1	VOC	20.96	
TODK2	Thermal Oil Dry Kiln No. 2	VOC	20.96	
TOHSTK	Thermal Oil Heater Stack	VOC	0.31	1.35
		PM	0.43	1.86
		PM_{10}	0.43	1.86
		NO_x	3.53	15.45
		CO	3.23	14.16
		SO_2	0.03	0.15
SAWFUG	Log Sawing Fugitives (4)	PM	2.20	2.56
		PM_{10}	0.14	0.17
DBRKFUG	Log Debarking Fugitives	PM	0.03	0.03

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

	(4)	PM_{10}	0.01	0.01
CHIPFUG	Chipper Fugitives (4)	PM	0.01	0.01
		PM_{10}	<0.01	0.01
SCRNFUG	Screening Fugitives (4)	PM	0.01	0.01
		PM_{10}	<0.01	<0.01
TUBFUG	Tub Grinder Fugitives	PM	0.02	0.02
	(4)	PM_{10}	0.01	0.01
BRKLOAD	Bark Loading Fugitives	PM	0.27	0.35
	(4)	PM_{10}	0.02	0.02
CTRKLOAD	Chip Truck Loading (4)	PM	1.18	1.23
		PM_{10}	0.08	0.08
SILOLOAD	Sawdust Silo Loading	PM	0.93	1.11
	(4)	PM_{10}	0.06	0.07
DTRKLOAD	Sawdust Truck Loading	PM	0.24	0.25
	(4)	PM_{10}	0.02	0.02
STRKLOAD	Shavings Truck Loading	PM	0.40	0.35
	(4)	PM_{10}	0.03	0.02
BSAWFUG	Buck Saw Fugitives (4)	PM	0.18	0.21
		PM_{10}	0.01	0.01
ASHLOAD	Ash Handling (4)	PM	0.05	0.01
		PM_{10}	<0.01	<0.01
PAINT	Paint Marking (4)	VOC	1.00	0.60
		PM	0.04	0.02
PARTWASH	Remote Reservoir Parts Washer (4)	VOC	0.67	0.74

(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.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM_{10}
PM_{10} - particulate matter equal to or less than 10 microns in diameter
CO - carbon monoxide
(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 Throughputs for Kilns and associated facilities:

Steam Dry Kiln No. 1: 155 Mbf/charge time of 100 hours
Steam Dry Kiln No. 2: 155 Mbf/charge time of 100 hours
Steam Dry Kiln No. 3: 104 Mbf/charge time of 100 hours
Thermal Oil Dry Kiln No. 1: 155 Mbf/charge time of 21 hours
Thermal Oil Dry Kiln No. 2: 155 Mbf/charge time of 21 hours
Combined Kiln Annual Throughput (total mill site): 160,000 Mbf/yr

Dated August 1, 2007