

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates **	
			lb/hr	TPY*

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Permit Numbers 9958, PSD-TX-766M1, and 70795

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*
01	Konus Oil Heaters Nos. 1 and 2	PM <sub>10</sub>	8.0	35.0
		VOC	6.3	27.7
		CO	13.4	58.7
		NO <sub>x</sub>	10.6	46.4
02	Dryer Nos. 1, 2, and 3	PM <sub>10</sub>	12.3	54.1
		VOC	195.0	854.1
		CO	117.0	512.5
		NO <sub>x</sub>	28.6	125.3
		C <sub>6</sub> H <sub>5</sub> OH	0.69	3.0
		CHOH***	18.0	78.8
03	Trim Saw Baghouse	PM <sub>10</sub>	0.8	3.5
04	T and G Sanders Baghouse	PM <sub>10</sub>	0.7	3.1
05	Dry Fuel Baghouse	PM <sub>10</sub>	0.19	0.8
10	Wood Yard Fugitive (4)	PM	0.13	0.41
		PM <sub>10</sub>	0.06	0.18
15	Konus Ash (4)	PM <sub>10</sub>	0.2	0.9

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			lb/hr	TPY*
18	EFB Auxiliary Baghouse	PM <sub>10</sub>	0.01	0.06
19	Thermal Oxidizers	NO <sub>x</sub>	8.37	36.66
		CO 19.62	85.93	
		PM/PM <sub>10</sub>	9.04	39.72
		SO <sub>2</sub> 0.3	1.29	
		VOC 5.73	25.09	
		C <sub>6</sub> H <sub>5</sub> OH	0.14	0.6
		CHOH***	0.18	0.8
		Wax/Resin	<0.01	<0.01
20	Thermal Oxidizer Bypass Stack	PM/PM <sub>10</sub>	8.9	1.17
		VOC 56.3	7.4	
		C <sub>6</sub> H <sub>5</sub> OH	1.4	0.18
		CHOH***	1.8	0.24
		Wax/Resin	0.01	<0.01

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) 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.  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
C<sub>6</sub>H<sub>5</sub>OH - phenol  
CHOH - formaldehyde
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

\*\* 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

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			<u>lb/hr</u>	<u>TPY*</u>

Emission rates are based on the production of 624 tons per day (based on a rolling 24-hour average) of finished oriented strand board (OSB) which is 30.42 TPH of dry wafers with fines included.

Annual emission rates are based on 227,760 tpy of finished OSB board.

\*\*\* Also counted as total VOC.

Dated January 28, 2004