

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 9958 and PSD-TX-766M1

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>	6.6	29.1
		VOC	1.9	27.7
		CO	19.0	58.7
		NO <sub>x</sub>	8.7	46.4
		SO <sub>2</sub> 0.8	3.5	
02	Dryer Nos. 1, 2, and 3	PM <sub>10</sub>	15.4	54.1
		VOC	214.8	854.1
		CO	95.1	512.5
		NO <sub>x</sub>	20.1	125.3
		C <sub>6</sub> H <sub>5</sub> OH***	0.69	3.0
		CHOH***	18.0	71.09
		MeOH***	2.8	10.88
		CH <sub>3</sub> CHO***	2.7	10.54
03	Trim Saw Baghouse	PM <sub>10</sub>	0.8	3.5
		VOC 7.7	30.5	
		CHOH***	0.2	0.69
		MeOH***	0.6	2.19
04	T and G Sanders Baghouse	PM <sub>10</sub>	0.7	3.1
		VOC 1.3	5.0	
		CHOH***	0.1	0.52
		MeOH***	0.5	1.79
05	Dry Fuel Baghouse	PM <sub>10</sub>	0.2	0.8
		VOC 5.3	20.8	
10	Wood Yard Fugitive (4)	PM	0.1	0.41
		PM <sub>10</sub>	0.1	0.18

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CONTAMINANTS DATA			AIR	
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates **</u>	
			<u>lb/hr</u>	<u>TPY*</u>
15	Konus Ash (4)	PM <sub>10</sub>	0.2	0.9
18	EFB Auxiliary Baghouse	PM <sub>10</sub>	0.01	0.06
19	Press Thermal Oxidizer (5)	PM <sub>10</sub>	9.0	39.72
		VOC	5.7	25.09
		CO	19.6	85.93
		NO <sub>x</sub>	8.4	36.66
		SO <sub>2</sub>	0.3	1.92
		C <sub>6</sub> H <sub>5</sub> OH***	0.14	0.6
		CHOH***	0.2	0.8
20	Thermal Oxidizer Bypass Stack (5)	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

- (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  
 SO<sub>2</sub> - sulfur dioxide  
 C<sub>6</sub>H<sub>5</sub>OH - phenol  
 CHOH - formaldehyde  
 MeOH - methanol  
 CH<sub>3</sub>CHO - acetaldehyde
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Authorized under Standard Permit Number 70795.

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#### EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

\* 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

Emission rates are based on the production of 1,050 MSF per day (3/8") (based on a rolling 30-day average) of finished oriented strandboard (OSB).

Annual emission rates are based on 347,000 MSF per year (3/8") of finished OSB board.

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

Dated April 15, 2004