

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number S-18407

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.

CONTAMINANTS DATA		AIR		
		Air Contaminant		<u>Emission</u>
<u>Emission Rates</u> *	Source			
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>		<u>lb/hr</u>
<u>TPY</u>				
E-2	Chipper Throat (4 and 5)	PM	0.31	0.40
		PM ₁₀	0.19	0.24
E-4	Raw Fiber Baghouse Stk (5)	PM ₁₀	1.20	1.57
E-9a/E-9b/E-9c	Boiler Stacks (6)	PM ₁₀	2.60	8.12
		VOC	0.50	1.57
		NO _x	1.00	3.13
		SO ₂	0.05	0.17
		CO	16.80	52.60
13	Drum Filling (4)	VOC	2.24	0.05
14	Valves and Pumps (4 and 7)	VOC	0.38	1.66
E-16	Spent Fiber Baghouse Stk (8)	PM ₁₀	1.20	2.51

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) VOC -volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - particulate matter including total suspended particulate
 PM₁₀ - particulate matter equal to or less than of 10 microns in diameter. Where PM in not

listed it shall be assumed that no PM greater than 10 microns is emitted.

CO - carbon monoxide

- (4) Fugitive emissions are an estimate only
- (5) Annual emission rates are based on 2,610 hours per year.
- (6) Emission rates are the combined emission rates for only two of the three boilers. The third boiler is for standby only. Only two of the three boilers may be operated at any one time. Annual emission rates are based on 6,264 hours per year.
- (7) Annual emission rate is based on 8,760 hours per year.
- (8) Annual emission rate based on 4,176 hours per year.

Dated May 11, 2006