

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 19681 and PSD-TX-771

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
804	Boiler No. 15.50 210 MMBtu/hr with Flue Gas Recirculation (FGR)	NO <sub>x</sub>	10.5	46.0
		CO	8.4	36.8
		SO <sub>2</sub>	0.12	0.54
		PM	1.55	6.80
		VOC	1.12	4.25
		Vinyl Acetate	0.16	0.38 (5)
		Acetaldehyde	0.08	0.20 (5)
		Methyl Acetate	1.23	1.16 (5)
		Methanol	0.94	0.23 (5)
1006	Process Vent Line Fugitives (4)	Vinyl Acetate	0.01	0.05
		Acetaldehyde	0.008	0.03
		Methyl Acetate	0.003	0.01
		Methanol	0.02	0.06

(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) NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

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

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

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

(5) TPY rates are based upon average production rate from Polyvinyl Alcohol Plant.

\* 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

Dated August 12, 2005