

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY</u>				
804	Boiler No. 15.50 210 MMBtu/hr with Flue Gas Recirculation (FGR) 0.54	NO _x	10.5	46.0
		CO	8.4	36.8
		SO ₂		0.12
		PM	0.61	2.70
		VOC	0.29	1.10
		Vinyl Acetate	0.14	0.40 (5)
		Tetrahydrofuran	0.0004	0.002
		Acetaldehyde	0.08	0.26 (5)
		Methyl Acetate	0.52	0.48 (5)
		Methanol	0.92	0.14 (5)
810	Temporary Boiler 90 MMBtu/hr Natural Gas-Fired	NO _x	3.4	2.53
		CO	13.8	10.23
		PM	1.2	0.92
		VOC	0.9	0.70
1006	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

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- (2) plan.
Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in General Rule 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - particulate matter
- CO - carbon monoxide
- (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 Point Nos. (EPNs) 804 and 1006: 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

EPN 810: Emission rates are based on and the facilities are limited by the following maximum operating schedule: up to 1,488 hours of operation in calander year 1996. Operation of this emission source after December 31, 1996 shall first require amendment of this permit.

Dated_____