

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19493

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**

Hourly emission limits for Boiler No. 1 and Boiler No. 2:

Boiler No. 1	Boiler No. 1	NO <sub>x</sub>	9.50	
		CO	3.22	
		VOC	0.26	
		SO <sub>2</sub>	0.06	
		PM	0.46	
Boiler No. 2	Boiler No. 2	NO <sub>x</sub>	4.75	
		CO	7.98	
		VOC	0.52	
		SO <sub>2</sub>	0.06	
		PM	0.72	

Yearly emission limits for Boiler No. 1 and Boiler No. 2 combined:

Boiler No. 1	Boiler No. 1	NO <sub>x</sub>		44.85
Boiler No. 2	Boiler No. 2	CO		36.87
		VOC	2.45	
		SO <sub>2</sub>	0.31	
		PM	3.50	
EPN 1	Hydrogen Peroxide Storage Tank	H <sub>2</sub> O <sub>2</sub>	0.006	0.027
EPN 2	Acetic Acid Storage Tank	VOC	0.021	0.092
EPN 3	Caustic Soda Storage Tank	NaOH	0.001	<0.01

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			lb/hr	TPY**
EPN 4	Sodium Silicate Storage Tank	Sodium Silicate	0.001	<0.01
EPN 5A	Fabric Softener Storage Tank No. 1	VOC	0.01	<0.1
EPN 5B	Fabric Softener Storage Tank No. 2	VOC	0.01	<0.1
EPN 5C	Fabric Softener Storage Tank No. 3	VOC	0.01	<0.1
EPN 5D	Fabric Softener Storage Tank No. 4	VOC	0.01	<0.1
EPN 5E	Fabric Softener Storage Tank No. 5	VOC	0.01	<0.1
EPN 5F	Fabric Softener Storage Tank No. 6	VOC	0.01	<0.1
EPN 5G	Fabric Softener Storage Tank No. 7	VOC	0.01	<0.1
EPN 6A	Polyvinyl Acetate Storage Tank No. 1	VOC	0.011	0.05
EPN 6B	Polyvinyl Acetate Storage Tank No. 2	VOC	0.011	0.05
EPN 7	Wet Out Storage Tank	VOC	0.01	<0.1
EPN 15	Sulfuric Acid Storage Tank	H <sub>2</sub> SO <sub>4</sub>	0.01	<0.1

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
EPN 9A	Color Mix Tank	VOC	0.006	0.017
EPN 9B	Color Mix Tank	VOC	0.006	0.017
EPN 9C	Color Mix Tank	VOC	0.006	0.017
EPN 9D	Color Mix Tank	VOC	0.006	0.017
EPN 10A	Bleach Range	H <sub>2</sub> O <sub>2</sub>	<0.001	<0.01
EPN 10C	Bleach Range	H <sub>2</sub> O <sub>2</sub>	<0.001	<0.01
EPN 10E	Bleach Range	H <sub>2</sub> O <sub>2</sub>	<0.001	<0.01
EPN 10G	Bleach Range	H <sub>2</sub> O <sub>2</sub>	<0.001	<0.01
EPN 12A	Dryer	PM	0.3	1.26
		VOC 0.036	0.2	
EPN 12B	Dryer	PM	0.3	1.26
		VOC 0.036	0.2	
EPN 12C	Dryer	PM	0.3	1.26
		VOC 0.036	0.2	
EPN 12D	Dryer	PM	0.3	1.26
		VOC 0.036	0.2	
EPN 12E	Dryer	PM	0.3	1.26
		VOC 0.036	0.2	
EPN 12F	Dryer	PM	0.3	1.26
		VOC 0.036	0.2	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
EPN 12G	Dryer	PM	0.3	1.26
		VOC 0.036	0.2	
EPN 12H	Dryer	PM	0.3	1.26
		VOC 0.036	0.2	

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code Section 101.1

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

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.

CO - carbon monoxide

NaOH - sodium hydroxide

H<sub>2</sub>O<sub>2</sub> - hydrogen peroxide

H<sub>2</sub>SO<sub>4</sub> - sulfuric acid

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

\* Emission rates are based on and the facilities are limited by the following maximum operating

schedule:

\_\_\_\_\_Hrs/day \_\_\_\_Days/week \_\_\_\_Weeks/year or 8,400 Hrs/year

See Special Condition No. 3 for Boiler No. 1 and Boiler No. 2 operating schedule.

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

Dated March 8, 2002