

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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Permit No. 5432

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)	<u>Emission Rates*</u>	
			<u>lb/hr</u>	<u>TPY</u>
	Cotton Gin (a) (North Gin)	PM	59.44	
		PM <sub>10</sub>	29.74	
		VOC	0.03	
		NO <sub>x</sub>	0.60	
		CO	0.50	
		SO <sub>2</sub>	<0.01	
	Trash Hopper (a) (North Gin)	PM	2.85	
		PM <sub>10</sub>	1.43	
	Cotton Gin (b) (South Gin)	PM	28.18	
		PM <sub>10</sub>	14.11	
		VOC	0.03	
		NO <sub>x</sub>	0.60	
		CO	0.50	
		SO <sub>2</sub>	<0.01	
	Trash Hopper (b) (South Gin)	PM	1.35	
		PM <sub>10</sub>	0.68	
	Total Ginning (c)	PM		30.55

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Operations	PM <sub>10</sub>	15.31
	VOC	0.05
	NO <sub>x</sub>	0.98
	CO	0.82
	SO <sub>2</sub>	0.01

Total Trash Hopper (c)	PM	1.46
Operations	PM <sub>10</sub>	0.73

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

(2) Specific point 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 30 Texas Administrative Code Section 101.1

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

CO - carbon monoxide

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

(a) Emission rates are based on and the facilities are limited to an hourly throughput of 19 bales of cotton.

(b) Emission rates are based on and the facilities are limited to an hourly throughput of 9 bales of cotton.

(c) Emission rates are based on an annual throughput of 19,500 bales of stripper cotton.

\* See Special Condition No. 2 for variations in annual throughputs.

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