

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4217

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>	
			lb/hr	TPY
	Cotton Gin (a) (South Plant)	TSP	50.79	
		PM <sub>10</sub>	25.42	
		VOC	0.06	
		NO <sub>x</sub>	1.20	
		CO	0.24	
		SO <sub>2</sub>	0.01	
	Trash Hopper (a) (South Plant)	TSP	1.50	
		PM <sub>10</sub>	0.75	
	Cotton Gin (b) (North Plant)	TSP	34.35	
		PM <sub>10</sub>	17.21	
		VOC	0.06	
		NO <sub>x</sub>	1.20	
		CO	0.24	
		SO <sub>2</sub>	0.01	
	Trash Hopper (b) (North Plant)	TSP	2.25	
		PM <sub>10</sub>	1.13	
	Ginning Facility (c) (South and North Plants)	TSP		33.47
		PM <sub>10</sub>		17.04
		VOC		0.10
		NO <sub>x</sub>		1.35
		CO		0.27
		SO <sub>2</sub>		0.01
	Trash Hoppers (c) (South and North Plants)	TSP		1.31
		PM <sub>10</sub>		0.66

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

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- (3) TSP - total suspended particulate matter including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
VOC - volatile organic compounds as defined in General Rule 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 20 bales of cotton.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 30 bales of cotton.
- (c) Emission rates are based on and the facilities are limited to an annual throughput of 35,000 bales of cotton.

Dated\_\_\_\_\_

