

## Emission Sources – Maximum Allowable Emission Rates

Permit Number 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, sources, and related activities. 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 (5)	
			lbs/hour	TPY (4)
	Cotton Gin South Gin (a)	PM PM <sub>10</sub> VOC NO <sub>x</sub> CO SO <sub>2</sub>	59.42 29.72 0.03 0.93 0.13 0.01	-- -- -- -- -- --
	Trash Hopper North Gin (a)	PM PM <sub>10</sub>	2.85 1.43	-- --
	Cotton Gin South Gin (b)	PM PM <sub>10</sub> VOC NO <sub>x</sub> CO SO <sub>2</sub>	28.16 14.09 0.03 0.93 0.13 0.01	-- -- -- -- -- --
	Trash Hopper South Gin (b)	PM PM <sub>10</sub>	1.35 0.68	-- --
	Total Ginning Operations (c)	PM PM <sub>10</sub> VOC NO <sub>x</sub> CO SO <sub>2</sub>	-- -- -- -- -- --	30.52 15.28 0.05 1.51 0.20 0.02
	Total Trash Hopper Operations (c)	PM PM <sub>10</sub>	-- --	1.46 0.73

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 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
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.

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- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (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.

Date May 25, 2012