

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 54187

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)
	Large Gin Precleaning System	PM	25.75	15.45
		PM <sub>10</sub>	11.95	7.17
		PM <sub>2.5</sub>	0.76	0.46
	Large Gin Burners	PM	0.11	0.10
		PM <sub>10</sub>	0.11	0.10
		PM <sub>2.5</sub>	0.11	0.10
		VOC	0.08	0.07
		NO <sub>x</sub>	1.50	1.35
		CO	1.26	1.13
		SO <sub>2</sub>	0.01	0.01
	Large Gin Trash System	PM	40.75	24.45
		PM <sub>10</sub>	15.45	9.27
		PM <sub>2.5</sub>	1.16	0.69
	Large Gin Lint System	PM	34.25	20.55
		PM <sub>10</sub>	9.98	5.99
		PM <sub>2.5</sub>	0.64	0.38
	Large Gin Trash Handling	PM	7.50	4.50
		PM <sub>10</sub>	2.78	1.67
		PM <sub>2.5</sub>	0.19	0.11
	Small Gin Precleaning System	PM	12.88	15.45

## Emission Sources - Maximum Allowable Emission Rates

		PM <sub>10</sub>	5.98	7.17
		PM <sub>2.5</sub>	0.38	0.46
	Small Gin Burners	PM	0.09	0.16
		PM <sub>10</sub>	0.09	0.16
		PM <sub>2.5</sub>	0.09	0.16
		VOC	0.07	0.12
		NO <sub>x</sub>	1.20	2.16
		CO	1.01	1.81
		SO <sub>2</sub>	0.01	0.01
	Small Gin Trash System	PM	20.38	24.45
		PM <sub>10</sub>	7.73	9.27
		PM <sub>2.5</sub>	0.58	0.69
	Small Gin Lint System	PM	24.13	28.95
		PM <sub>10</sub>	6.64	7.97
		PM <sub>2.5</sub>	0.41	0.49
	Small Gin Trash Handling	PM	3.75	4.50
		PM <sub>10</sub>	1.33	1.60
		PM <sub>2.5</sub>	0.09	0.11
	Total Precleaning System	PM	--	15.45
		PM <sub>10</sub>	--	7.17
		PM <sub>2.5</sub>	--	0.46
	Total Burners	PM	--	0.16
		PM <sub>10</sub>	--	0.16
		PM <sub>2.5</sub>		0.16
		VOC	--	0.12

Emission Sources - Maximum Allowable Emission Rates

		NO <sub>x</sub>	--	2.16
		CO	--	1.81
		SO <sub>2</sub>	--	0.01
	Total Trash System	PM	--	24.45
		PM <sub>10</sub>	--	9.27
		PM <sub>2.5</sub>	--	0.69
	Total Lint System	PM	--	28.95
		PM <sub>10</sub>	--	7.97
		PM <sub>2.5</sub>	--	0.49
	Total Trash Handling	PM	--	4.50
		PM <sub>10</sub>	--	1.67
		PM <sub>2.5</sub>	--	0.11

- (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) PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
  - SO<sub>2</sub> - sulfur dioxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: June 18, 2013