

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 73877

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)
	North Gin Precleaning System	PM	30.56	--
		PM <sub>10</sub>	13.79	--
		PM <sub>2.5</sub>	0.83	--
	North Gin Burners	PM	0.27	--
		PM <sub>10</sub>	0.27	--
		PM <sub>2.5</sub>	0.27	--
		VOC	0.20	--
		NO <sub>x</sub>	3.60	--
		CO	3.02	--
		SO <sub>2</sub>	0.02	--
	North Gin Trash System	PM	34.26	--
		PM <sub>10</sub>	7.66	--
		PM <sub>2.5</sub>	0.52	--
	North Gin Lint System	PM	45.21	--
		PM <sub>10</sub>	13.17	--
		PM <sub>2.5</sub>	0.84	--
	North Gin Trash Handling	PM	9.90	--
		PM <sub>10</sub>	3.12	--
		PM <sub>2.5</sub>	0.20	--
	South Gin Precleaning System	PM	27.78	--
		PM <sub>10</sub>	12.54	--
		PM <sub>2.5</sub>	0.76	--
	South Gin Burners	PM	0.29	--
		PM <sub>10</sub>	0.29	--
		PM <sub>2.5</sub>	0.29	--

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		VOC	0.21	--
		NO <sub>x</sub>	3.80	--
		CO	3.19	--
		SO <sub>2</sub>	0.02	--
	South Gin Trash System	PM	31.14	--
		PM <sub>10</sub>	6.96	--
		PM <sub>2.5</sub>	0.47	--
	South Gin Lint System	PM	41.10	--
		PM <sub>10</sub>	11.98	--
		PM <sub>2.5</sub>	0.76	--
	South Gin Trash Handling	PM	9.00	--
		PM <sub>10</sub>	2.83	--
		PM <sub>2.5</sub>	0.18	--
	North and South Gin Combined Annual Precleaning System	PM	--	60.19
		PM <sub>10</sub>	--	27.17
		PM <sub>2.5</sub>	--	1.64
	North and South Gin Combined Annual Burners	PM	--	0.94
		PM <sub>10</sub>	--	0.94
		PM <sub>2.5</sub>	--	0.94
		VOC	--	0.68
		NO <sub>x</sub>	--	12.35
		CO	--	10.37
		SO <sub>2</sub>	--	0.07
	North and South Gin Combined Annual Trash System	PM	--	67.47
		PM <sub>10</sub>	--	15.08
		PM <sub>2.5</sub>	--	1.03
	North and South Gin Combined Annual Lint System	PM	--	89.05
		PM <sub>10</sub>	--	25.95
		PM <sub>2.5</sub>	--	1.65

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	North and South Gin Combined Annual Trash Handling	PM	--	19.50
		PM <sub>10</sub>	--	6.14
		PM <sub>2.5</sub>	--	0.39

- (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 - 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  
CO - carbon monoxide  
(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: October 3, 2017