

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	
			lbs/hour	TPY (4)
	North Gin Precleaning System	PM	33.99	--
		PM ₁₀	15.77	--
		PM _{2.5}	1.00	--
	North Gin Burners	PM	0.27	--
		PM ₁₀	0.27	--
		PM _{2.5}	0.27	--
		VOC	0.20	--
		NO _x	3.60	--
		CO	3.02	--
		SO ₂	0.02	--
	North Gin Trash System	PM	53.79	--
		PM ₁₀	20.39	--
		PM _{2.5}	1.52	--
	North Gin Lint System	PM	45.21	--
		PM ₁₀	13.17	--
		PM _{2.5}	0.84	--
	North Gin Trash Handling	PM	9.90	--
		PM ₁₀	3.67	--
		PM _{2.5}	0.25	--
	South Gin Precleaning System	PM	30.90	--
		PM ₁₀	14.34	--
		PM _{2.5}	0.91	--
	South Gin Burners	PM	0.29	--

Emission Sources - Maximum Allowable Emission Rates

		PM ₁₀	0.29	--
		PM _{2.5}	0.29	--
		VOC	0.21	--
		NO _x	3.80	--
		CO	3.19	--
		SO ₂	0.02	--
	South Gin Trash System	PM	48.90	--
		PM ₁₀	18.54	--
		PM _{2.5}	1.39	--
	South Gin Lint System	PM	41.10	--
		PM ₁₀	11.98	--
		PM _{2.5}	0.76	--
	South Gin Trash Handling	PM	9.00	--
		PM ₁₀	3.34	--
		PM _{2.5}	0.23	--
	North and South Gin Combined Precleaning System	PM	--	33.73
		PM ₁₀	--	15.65
		PM _{2.5}	--	1.00
	North and South Gin Combined Burners	PM	--	0.47
		PM ₁₀	--	0.47
		PM _{2.5}	--	0.47
		VOC	--	0.34
		NO _x	--	6.22
		CO	--	5.23
		SO ₂	--	0.04
	North and South Gin Combined Trash System	PM	--	53.38
		PM ₁₀	--	20.24

Emission Sources - Maximum Allowable Emission Rates

		PM _{2.5}	--	1.51
	North and South Gin Combined Lint System	PM	--	44.87
		PM ₁₀	--	13.07
		PM _{2.5}	--	0.83
	North and South Gin Combined Trash Handling	PM	--	9.83
		PM ₁₀	--	3.65
		PM _{2.5}	--	0.25

- (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_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - PM_{2.5} - 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) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: December 20, 2016