

Emission Sources - Maximum Allowable Emission Rates

Permit Number 48854

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)
124	Anhydrous Air Heater (6)	NOx	3.80	13.30
		CO	2.01	7.04
		SO ₂	0.02	0.07
		VOC	0.13	0.46
		PM ₁₀	0.18	0.63
126	Anhydrous Scrubber (6)	PM ₁₀	16.52	57.82
200	Anhydrous Bldg. Fugitives (5)	PM ₁₀	0.37	0.67
137	Penta Meta Plant No. 1 Scrubber	PM ₁₀	0.28	1.23
170	Evaporator No. 1	PM ₁₀	0.14	0.61
123	Evaporator No. 2	PM ₁₀	0.14	0.61
169	Evaporator No. 3	PM ₁₀	0.14	0.61
210a	Sand Unloading	PM	0.09	0.04
		PM ₁₀	0.04	0.02
210b	Soda Ash Unloading	PM	0.09	0.02
		PM ₁₀	0.04	0.01
101/102	Raw Material Silos	PM ₁₀	0.1	0.13
180	Raw Material Handling	PM ₁₀	0.17	0.74

(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.

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- (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
- 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.
- (6) Hours of operation are limited to 7,000 hours per year for EPNs 124 and 126. All other sources have a maximum operating schedule of 8,760 hours per year.

Date: September 28, 2012