

Emission Sources - Maximum Allowable Emission Rates

Permit Number 5337

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)
E3-1	Kiln Scrubber Stack	SO ₂	1,000	4,380
		NO _x	190	832
		CO	59	258
		VOC	78	342
		PM	49.7	218
		PM ₁₀	24.9	109
		PM _{2.5}	24.9	109
E3-3	Coal/coke Drop to Rail Hopper (5)	PM	0.24	0.05
		PM ₁₀	0.24	0.05
E3-3a	Rail Hopper Drop to Belt (5)	PM	0.07	0.01
		PM ₁₀	0.07	0.01
E3-3b	Belt to Truck or Pile (5)	PM	0.07	0.01
		PM ₁₀	0.07	0.01
E3-3c	Truck to Pile (5)	PM	0.24	0.05
		PM ₁₀	0.24	0.05
E3-5	Front End Loader Drop to Feed Hopper (5)	PM	0.04	0.05
		PM ₁₀	0.04	0.05
E3-5a	Feed Hopper Drop to Belt (5)	PM	0.01	0.01
		PM ₁₀	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

E3-5b	Belt Drop to Coal Bin (5)	PM	0.01	0.01
		PM ₁₀	0.01	0.01
E3-5c	Coal Bin Drop to Weigh Belt (5)	PM	0.003	0.014
		PM ₁₀	0.003	0.014
E3-5d	Weigh Belt to Coal Mill (5)	PM	0.003	0.014
		PM ₁₀	0.003	0.014
E3-6	Coal and Coke Stockpile (5)	PM	--	2.3
		PM ₁₀	--	2.3
E3-6a	Emergency Storage Pile (5)	PM	--	0.58
		PM ₁₀	--	0.58

- (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) SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- (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: January 16, 2013