

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19732

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. 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	
			lb/hr	TPY
70	North Calciner ESP Stack	PM ₁₀	4.04	17.70
		NO _x	7.25	31.76
		CO	25.00	109.50
		SO ₂	0.15	0.66
		VOC	15.00	40.00
		Hg	0.0057	0.025
80	South Calciner ESP Stack	PM ₁₀	4.04	17.70
		NO _x	7.25	31.76
		CO	25.00	109.50
		SO ₂	0.15	0.66
		VOC	15.00	40.00
		Hg	0.0057	0.025
70	North Calciner Stack (4)	PM ₁₀	8.20	0.06
80	South Calciner Stack (4)	PM ₁₀	8.20	0.06
71/81*	Baghouse A	PM ₁₀	0.21	0.79
72/82*	Baghouse B	PM ₁₀	0.21	0.79
73/83*	Baghouse C	PM ₁₀	0.21	0.79
74/84*	Baghouse D	PM ₁₀	0.21	0.79
75/85*	Baghouse E	PM ₁₀	0.21	0.79
76/86*	Baghouse F	PM ₁₀	0.40	1.55
77/87*	Baghouse G	PM ₁₀	0.28	1.08

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY</u>				
78/88*	Baghouse H	PM ₁₀	0.40	1.55
79/89*	Baghouse I	PM ₁₀	0.28	1.08
90	Calciner Cooling Tower 1	PM ₁₀	0.02	0.06
90A	Calciner Cooling Tower 2	PM ₁₀	0.02	0.06

- (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) PM₁₀ - particulate matter less than or equal to 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
- VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- CO - carbon monoxide
- Hg - mercury
- (4) Emissions associated with maintenance start-up/shutdown activities.

* Only one transport and collection system will operate at a time, except as specified by the special conditions.

Dated August 19, 2010