

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, 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 (6)	
			lbs/hr	TPY (4)
70	South Calciner ESP Stack	PM	4.04	17.70
		PM ₁₀	4.04	17.70
		PM _{2.5}	1.33	5.84
		NO _x	7.25	31.76
		CO	25.00	109.50
		SO ₂	4.13	18.08
		VOC	15.00	40.00
		Hg	0.01296	0.05675
80	North Calciner ESP Stack	PM	4.04	17.70
		PM ₁₀	4.04	17.70
		PM _{2.5}	1.33	5.84
		NO _x	7.25	31.76
		CO	25.00	109.50
		SO ₂	4.13	18.08
		VOC	15.00	40.00
		Hg	0.01296	0.05675
70MSS	South Calciner ESP Stack (MSS)	PM	28.00	0.06
		PM ₁₀	28.00	0.06
		PM _{2.5}	9.24	0.02
80MSS	North Calciner ESP Stack (MSS)	PM	28.00	0.06
		PM ₁₀	28.00	0.06
		PM _{2.5}	9.24	0.02
71/81	Baghouse A Stack (5)	PM	0.21	0.79

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		PM ₁₀	0.21	0.79
		PM _{2.5}	0.07	0.26
72/82	Baghouse B Stack (5)	PM	0.21	0.79
		PM ₁₀	0.21	0.79
		PM _{2.5}	0.07	0.26
73/83	Baghouse C Stack (5)	PM	0.21	0.79
		PM ₁₀	0.21	0.79
		PM _{2.5}	0.07	0.26
74/84	Baghouse D Stack (5)	PM	0.21	0.79
		PM ₁₀	0.21	0.79
		PM _{2.5}	0.07	0.26
75/85	Baghouse E Stack (5)	PM	0.21	0.79
		PM ₁₀	0.21	0.79
		PM _{2.5}	0.07	0.26
76/86	Baghouse F Stack (5)	PM	0.40	1.55
		PM ₁₀	0.40	1.55
		PM _{2.5}	0.13	0.51
77/87	Baghouse G Stack (5)	PM	0.28	1.08
		PM ₁₀	0.28	1.08
		PM _{2.5}	0.09	0.36
78/88	Baghouse H Stack (5)	PM	0.40	1.55
		PM ₁₀	0.40	1.55
		PM _{2.5}	0.13	0.51
79/89	Baghouse I Stack (5)	PM	0.28	1.08
		PM ₁₀	0.28	1.08
		PM _{2.5}	0.09	0.36
90	Calciner Cooling Tower 1 Stack	PM	0.02	0.06
		PM ₁₀	0.02	0.06
		PM _{2.5}	0.01	0.02

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90A	Calcliner Cooling Tower 2 Stack	PM	0.02	0.06
		PM ₁₀	0.02	0.06
		PM _{2.5}	0.01	0.02

- (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) 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
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
Hg - mercury
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Only one transport and collection system will operate at a time, except as specified by the special conditions.
- (6) Planned startup and shutdown emissions are included. Maintenance activities, except as specified in Special Condition Nos. 18 and 19, are not authorized by this permit and will need separate authorization, unless the activity can meet the conditions of 30 TAC § 116.119.

Date: February 9, 2015