

STAR CEMENT LIMITED

October – 2017

STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Primary Crusher (Bag Filter)	17.93
2	Secondary Crusher (Bag Filter)	20.18
3	RABH	20.76
4	Coal Mill	19.78
5	Cooler ESP	21.58
6	Cement Mill (Bag Filter)	19.77
7	Packing Plant (Bag Filter)	16.08
8	Roller Press Mill (581 Bag Filter-1)	18.94

AMBIENT AIR QUALITY MONITORING RESULTS (Average Values)

Stations ↓	Parameters →	Respirable Suspended particulate Matter (µg/m ³)		Gaseous Emission (µg/m ³)	
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂
Station #1 (Near Guest House)		46.06	29.14	7.07	8.52
Station #2 (Near Pump House)		48.65	31.84	7.73	9.05
Station #3 (Near Security Gate No-2)		53.73	34.62	8.68	10.13
Station #4 (Staff Quarters - 4)		42.45	26.84	6.57	8.37

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FUGITIVE EMISSION MONITORING RESULTS (Average Values)

Location	Fugitive Emission Results (in µg/m³)	Limit (in µg/m³)
Coal Storage Section	1582	2000
Limestone Storage Section	2236	5000
Cement Packing Plant	2468	5000