

STAR CEMENT LIMITED

July – 2017

STACK EMISSION MONITORING RESULTS (Average Values)

S. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Primary Crusher Bag Filter	Plant Shutdown
2	Secondary Crusher Bag Filter	
3	RABH	
4	Coal Mill	
5	Cooler ESP	
6	Cement Mill Bag Filter	20.68
7	Packing Plant Bag Filter	16.76

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)		46.7	28.94	6.47	9.56
Station #2 ((Near Pump House)		53.1	31.02	6.84	9.36
Station #3 (Near Security Gate No.-2)		53.56	32.85	6.85	9.72
Station #4 (Staff Quarters – 4)		44.44	25.14	6.72	9.36

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FUGITIVE EMISSION MONITORING RESULTS (Average Values)

Location	Fugitive Emission Results (in $\mu\text{g}/\text{m}^3$)	Limit (in $\mu\text{g}/\text{m}^3$)
Coal Storage Section	1299	2000
Limestone Storage Section	2008	5000
Cement Packing Plant	2268	5000