

STAR CEMENT LIMITED

August – 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	21.64
7	Packing Plant Bag Filter	15.19

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)		42.90	25.96	6.33	8.84
Station #2 ((Near Pump House)		48.68	28.68	6.73	8.93
Station #3 (Near Security Gate No.-2)		48.75	30.04	6.94	9.27
Station #4 (Staff Quarters – 4)		39.73	22.52	6.44	8.76

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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	Plant Shut Down	2000
Limestone Storage Section		5000
Cement Packing Plant	2098	5000