

STAR CEMENT LIMITED

June – 2017

STACK EMISSION MONITORING RESULTS (Average Values)

S. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Primary Crusher Bag Filter	15.06
2	Secondary Crusher Bag Filter	17.52
3	RABH	20.79
4	Coal Mill	19.26
5	Cooler ESP	21.23
6	Cement Mill Bag Filter	20.59
7	Packing Plant Bag Filter	17.43

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)		63.55	33.73	7.25	10.43
Station #2 ((Near Pump House)		67.63	38.13	8.34	11.22
Station #3 (Near Security Gate No.-2)		68.79	39.06	8.48	11.51
Station #4 (Staff Quarters – 4)		64.86	35.02	8.05	10.89

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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	1322	2000
Limestone Storage Section	2285	5000
Cement Packing Plant	2680	5000