

STAR CEMENT LIMITED

November – 2017

STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Primary Crusher (Bag Filter)	19.85
2	Secondary Crusher (Bag Filter)	19.29
3	RABH	22.20
4	Coal Mill	23.42
5	Cooler ESP	21.84
6	Cement Mill (Bag Filter)	18.84
7	Packing Plant (Bag Filter)	20.59
8	Roller Press Mill (581 Bag Filter-1)	18.84

AMBIENT AIR QUALITY MONITORING RESULTS (Average Values)

Stations ↓	Parameters →	Respirable Suspended particulate Matter ($\mu\text{g}/\text{m}^3$)		Gaseous Emission ($\mu\text{g}/\text{m}^3$)	
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂
Station #1 (Near Guest House)		46.17	29.74	7.25	8.91
Station #2 (Near Pump House)		48.85	32.54	7.91	9.63
Station #3 (Near Security Gate No-2)		54.20	35.97	9.14	10.62
Station #4 (Staff Quarters - 4)		43.04	27.50	7.27	8.66

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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	1714	2000
Limestone Storage Section	2039	5000
Cement Packing Plant	2422	5000