

STAR CEMENT LIMITED

December – 2017

STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Primary Crusher (Bag Filter)	20.36
2	Secondary Crusher (Bag Filter)	18.83
3	RABH	21.15
4	Coal Mill	22.06
5	Cooler ESP	23.91
6	Cement Mill (Bag Filter)	20.2
7	Packing Plant (Bag Filter)	16.77
8	Roller Press Mill (581 Bag Filter-1)	20.27

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)		48.13	32.33	8.35	13.76
Station #2 (Near Pump House)		50.43	33.40	9.25	14.87
Station #3 (Near Security Gate No-2)		57.69	38.19	9.71	15.75
Station #4 (Staff Quarters - 4)		51.66	34.19	8.77	14.63

STAR CEMENT LIMITED

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