

STAR CEMENT LIMITED

February – 2018

STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Primary Crusher (Bag Filter)	20.5
2	Secondary Crusher (Bag Filter)	20.9
3	RABH	22.3
4	Coal Mill	16.3
5	Cooler ESP	21.1
6	Roller Press Mill (581 Bag Filter-1)	19.9
7	Cement Mill (Bag Filter)	19.3
8	Packing Plant (Bag Filter)	20.1

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)		49.8	36.1	8.0	21.0
Station #2 (Near Pump House)		53.2	38.5	10.6	24.4
Station #3 (Near Security Gate No-2)		59.6	36.4	12.1	27.3
Station #4 (Staff Quarters - 4)		50.7	31.9	9.2	24.4

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	1654	2000
Limestone Storage Section	2029	5000
Cement Packing Plant	2242	5000