

STAR CEMENT MEGHALAYA LIMITED

June – 2018

STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Limestone Crusher Bag Filter	17.0
2	Additive Crusher Bag Filter	16.4
3	RABH	16.0
4	Coal Mill	18.3
5	Cooler ESP	23.4

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 Pump House)		62.5	36.0	9.5	19.2
Station #2 (Near Worker Colony)		53.5	29.8	7.5	14.2
Station #3 (Near Raw Mill Hopper)		56.2	32.4	7.5	17.2
Station #4 (Behind MPL DM Plant)		50.0	28.8	6.9	15.3
Station #5 (Near Water Reservoir)		50.8	29.6	7.7	16.1

STAR CEMENT MEGHALAYA LIMITED

FUGITIVE EMISSION MONITORING RESULTS (Average Values)

Location	Fugitive Emission Results (in µg/m³)	Limit (in µg/m³)
Coal Storage Section	974	2000
Limestone Storage Section	1234	5000
Clinker Loading Section	2064	2000