

STAR CEMENT MEGHALAYA LIMITED

September – 2018

STACK EMISSION MONITORING RESULTS (Average Values)

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

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)		49.4	31.6	7.3	18.5
Station #2 (Near Worker Colony)		31.6	20.9	6.0	12.5
Station #3 (Near Raw Mill Hopper)		48.1	30.3	7.0	22.7
Station #4 (Behind MPL DM Plant)		38.1	24.0	10.1	18.4
Station #5 (Near Water Reservoir)		46.6	29.4	11.2	14.2

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FUGITIVE EMISSION MONITORING RESULTS (Average Values)

Location	Fugitive Emission Results (in µg/m³)	Limit (in µg/m³)
Coal Storage Section	1124	2000
Limestone Storage Section	2018	5000
Clinker Loading Section	2154	2000