

STAR CEMENT MEGHALAYA LIMITED

January – 2018

STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Limestone Crusher Bag Filter	16.9
2	Additive Crusher Bag Filter	15.8
3	RABH	23.5
4	Coal Mill	15.9
5	Cooler ESP	23.1

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 Pump House)		54.1	39.2	11.4	24.9
Station #2 (Near Worker Colony)		52.3	33.5	10.8	26.2
Station #3 (Near Raw Mill Hopper)		56.7	41.8	12.5	27.5
Station #4 (Behind MPL DM Plant)		54.2	35.4	12.0	28.1
Station #5 (Near Water Reservoir)		55.1	36.3	13.0	29.0

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FUGITIVE EMISSION MONITORING RESULTS **(Average Values)**

Location	Fugitive Emission Results (in µg/m³)	Limit (in µg/m³)
Coal Storage Section	1781	2000
Limestone Storage Section	2025	5000
Clinker Loading Section	1354	2000