

STAR CEMENT MEGHALAYA LIMITED

October – 2017

STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Limestone Crusher Bag Filter	14.84
2	Additive Crusher Bag Filter	15.74
3	Coal Mill	16.34
4	RABH	21.64
5	Cooler ESP	22.42

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)		48.65	31.84	7.73	9.05
Station #2 (Near Worker Colony)		42.45	26.84	6.57	8.37
Station #3 (Behind MPL DM Plant)		49.98	30.53	8.65	9.90
Station #4 (Near Water Reservoir)		45.34	26.67	7.48	7.94
Station #5 (Near Raw Mill Hopper)		43.48	23.91	6.90	6.86

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FUGITIVE EMISSION MONITORING RESULTS (Average Values)

Location	Fugitive Emission Results (in µg/m³)	Limit (in µg/m³)
Coal Storage Section	1432	2000
Limestone Storage Section	1980	5000
Clinker Loading Section	1342	2000