

STAR CEMENT MEGHALAYA LIMITED

November – 2017

STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Limestone Crusher Bag Filter	17.54
2	Additive Crusher Bag Filter	17.01
3	Coal Mill	16.09
4	RABH	18.91
5	Cooler ESP	20.27

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)		48.47	32.28	7.77	9.67
Station #2 (Near Worker Colony)		43.04	27.50	7.27	8.66
Station #3 (Behind MPL DM Plant)		47.52	31.89	8.54	9.44
Station #4 (Near Water Reservoir)		44.18	29.05	7.83	16.86
Station #5 (Near Raw Mill Hopper)		53.98	37.81	9.65	10.87

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FUGITIVE EMISSION MONITORING RESULTS (Average Values)

Location	Fugitive Emission Results (in µg/m³)	Limit (in µg/m³)
Coal Storage Section	1629	2000
Limestone Storage Section	2049	5000
Clinker Loading Section	1358	2000