

STAR CEMENT MEGHALAYA LIMITED

July – 2017

STACK EMISSION MONITORING RESULTS (Average Values)

S. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Limestone Crusher Bag Filter	18.86
2	Additive Crusher Bag Filter	20.26
3	Coal Mill	20.18
4	RABH	12.86
5	Cooler ESP	28.48

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)		53.10	31.02	6.84	9.36
Station #2 (Near Worker Colony)		44.44	25.14	6.72	9.36
Station #3 (Behind MPL DM Plant)		46.88	28.23	7.06	9.26
Station #4 (Near Water Reservoir)		48.65	29.64	7.81	9.70
Station #5 (Near Raw Mill Hopper)		51.96	31.01	7.21	9.85

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

Location	Fugitive Emission Results (in $\mu\text{g}/\text{m}^3$)	Limit (in $\mu\text{g}/\text{m}^3$)
Coal Storage Section	1112	2000
Clinker Loading Section	1920	2000
Limestone Storage Section	1324	5000