

STAR CEMENT MEGHALAYA LIMITED

March – 2018

STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Limestone Crusher Bag Filter	17.75
2	Additive Crusher Bag Filter	14.8
3	RABH	16.8
4	Coal Mill	18.1
5	Cooler ESP	18.65

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)		68.2	41.9	8.1	16.8
Station #2 (Near Worker Colony)		62.1	37.9	5.7	15.1
Station #3 (Near Raw Mill Hopper)		78.8	47.5	8.3	14.2
Station #4 (Behind MPL DM Plant)		67.1	33.2	5.5	11.7
Station #5 (Near Water Reservoir)		55.0	25.8	5.0	15.0

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

Location	Fugitive Emission Results (in µg/m³)	Limit (in µg/m³)
Coal Storage Section	1415	2000
Limestone Storage Section	2434	5000
Clinker Loading Section	2410	2000