

STAR CEMENT MEGHALAYA LIMITED

July – 2018

STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Limestone Crusher Bag Filter	18.1
2	Additive Crusher Bag Filter	20.4
3	RABH	19.1
4	Coal Mill	18.3
5	Cooler ESP	21.8

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)		42.8	24.9	6.4	16.0
Station #2 (Near Worker Colony)		47.9	28.0	7.4	17.8
Station #3 (Near Raw Mill Hopper)		61.4	38.7	10.2	42.5
Station #4 (Behind MPL DM Plant)		49.6	31.3	9.2	39.7
Station #5 (Near Water Reservoir)		53.2	33.6	12.2	27.9

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FUGITIVE EMISSION MONITORING RESULTS (Average Values)

Location	Fugitive Emission Results (in µg/m³)	Limit (in µg/m³)
Coal Storage Section	1364	2000
Limestone Storage Section	2147	5000
Clinker Loading Section	2254	2000