

STAR CEMENT MEGHALAYA LIMITED

June – 2017

STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Limestone Crusher Bag Filter	20.27
2	Additive Crusher Bag Filter	18.22
3	Coal Mill	21.24
4	RABH	18.20
5	Cooler ESP	23.26

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)		67.63	38.13	8.34	11.22
Station #2 (Near Worker Colony)		64.86	35.02	8.05	10.89
Station #3 (Behind MPL DM Plant)		69.73	40.11	9.96	14.14
Station #4 (Near Water Reservoir)		63.49	33.16	7.9	10.25
Station #5 (Near Raw Mill Hopper)		68.70	40.15	9.21	13.15

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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	1210	2000
Clinker Loading Section	1256	2000
Limestone Storage Section	2398	5000