

STAR CEMENT MEGHALAYA LIMITED

August – 2017

STACK EMISSION MONITORING RESULTS (Average Values)

S. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Limestone Crusher Bag Filter	18.09
2	Additive Crusher Bag Filter	18.56
3	Coal Mill	18.03
4	RABH	15.84
5	Cooler ESP	24.86

AMBIENT AIR QUALITY MONITORING RESULTS (Average Values)

Stations ↓	Parameters →	Respirable Suspended particulate Matter ($\mu\text{g}/\text{m}^3$)		Gaseous Emission ($\mu\text{g}/\text{m}^3$)	
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂
Station #1 (Near Pump House)		48.68	28.68	6.73	8.93
Station #2 (Near Worker Colony)		39.73	22.52	6.44	9.26
Station #3 (Behind MPL DM Plant)		45.33	26.35	6.58	9.32
Station #4 (Near Water Reservoir)		45.04	27.10	6.34	9.03
Station #5 (Near Raw Mill Hopper)		45.34	26.06	6.16	8.89

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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 Sectio	1172	2000
Clinker Loading Section	2220	2000
Limestone Storage Section	1124	5000