

# STAR CEMENT MEGHALAYA LIMITED

December – 2017

## STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm <sup>3</sup> )
1	Limestone Crusher Bag Filter	16.55
2	Additive Crusher Bag Filter	17.89
3	Coal Mill	18.47
4	RABH	18.47
5	Cooler ESP	17.34

## AMBIENT AIR QUALITY MONITORING RESULTS (Average Values)

Stations ↓	Parameters →	Respirable Suspended particulate Matter (µg/m <sup>3</sup> )		Gaseous Emission (µg/m <sup>3</sup> )	
		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>
Station #1 (Near Pump House)		50.39	33.68	9.00	14.54
Station #2 (Near Worker Colony)		52.06	35.00	8.53	14.94
Station #3 (Behind MPL DM Plant)		50.88	33.70	7.58	13.65
Station #4 (Near Water Reservoir)		48.82	32.11	7.43	12.97
Station #5 (Near Raw Mill Hopper)		53.65	35.96	8.80	15.40

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

<b>Location</b>	<b>Fugitive Emission Results (in µg/m<sup>3</sup>)</b>	<b>Limit (in µg/m<sup>3</sup>)</b>
Coal Storage Section	1658	<b>2000</b>
Limestone Storage Section	2134	<b>5000</b>
Clinker Loading Section	1442	<b>2000</b>