

# STAR CEMENT MEGHALAYA LIMITED

May – 2018

## STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm <sup>3</sup> )
1	Limestone Crusher Bag Filter	18.5
2	Additive Crusher Bag Filter	21.4
3	RABH	19.2
4	Coal Mill	17.1
5	Cooler ESP	19.7

## 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)		63.8	40.1	7.9	21.5
Station #2 (Near Worker Colony)		62.5	39.4	7.9	19.6
Station #3 (Near Raw Mill Hopper)		67.7	42.6	9.3	33.4
Station #4 (Behind MPL DM Plant)		55.9	35.2	6.6	30.6
Station #5 (Near Water Reservoir)		52.3	32.9	9.2	26.5

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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	1241	2000
Limestone Storage Section	2264	5000
Clinker Loading Section	2324	2000