

# STAR CEMENT MEGHALAYA LIMITED

October – 2018

## STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm <sup>3</sup> )
1	Limestone Crusher Bag Filter	16.8
2	Additive Crusher Bag Filter	19.9
3	RABH	17.7
4	Coal Mill	21.1
5	Cooler ESP	20.3

## 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)		51.0	32.6	8.9	18.2
Station #2 (Near Worker Colony)		33.3	22.0	4.5	12.4
Station #3 (Near Raw Mill Hopper)		74.2	44.0	9.0	24.3
Station #4 (Behind MPL DM Plant)		62.4	29.7	6.3	21.3
Station #5 (Near Water Reservoir)		51.3	22.3	5.7	25.1

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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	1254	<b>2000</b>
Limestone Storage Section	1987	<b>5000</b>
Clinker Loading Section	1654	<b>2000</b>