

# STAR CEMENT MEGHALAYA LIMITED

November – 2018

## STACK EMISSION MONITORING RESULTS (Average Values)

Sl. No.	Stack Attached To	Particulate Matter (mg/Nm <sup>3</sup> )
1	Limestone Crusher Bag Filter	21.2
2	Additive Crusher Bag Filter	20.7
3	RABH	17.4
4	Coal Mill	17.5
5	Cooler ESP	20.1

## 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)		50.1	31.1	8.5	15.8
Station #2 (Near Worker Colony)		31.2	19.4	4.1	8.6
Station #3 (Near Raw Mill Hopper)		68.3	41.0	7.9	23.2
Station #4 (Behind MPL DM Plant)		56.5	33.9	5.2	20.2
Station #5 (Near Water Reservoir)		45.4	27.3	4.6	24.0

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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	1145	<b>2000</b>
Limestone Storage Section	2141	<b>5000</b>
Clinker Loading Section	1873	<b>2000</b>