

# MEGHALAYA CEMENTS LIMITED

**March – 2019**

## STACK EMISSION MONITORING RESULTS – 2600 TPD CEMENT MANUFACTURING PLANT (Average Values)

Sl.No.	Stack Attached To	Particulate Matter(mg/Nm <sup>3</sup> )	SO <sub>2</sub> (mg/Nm <sup>3</sup> )	NO <sub>x</sub> (mg/Nm <sup>3</sup> )
1	Primary Crusher	21.80	-	-
2	Secondary Crusher	13.00	-	-
3	Coal Mill 1	28.80	-	-
4	Coal Mill 2	28.20	-	-
5	RABH 1	17.00	863.46	260.37
6	RABH 2	14.80	752.26	232.41
7	ESP 1	27.60	-	-
8	ESP 2	28.10	-	-
9	Packing House No-1	20.80	-	-
10	Cement Mill No-1	20.90	-	-
11	CPP	35.70	584.29	263.81
12	Cement Mill No-2	19.20	-	-
13	Packing House No-2	16.0	-	-

## AMBIENT AIR QUALITY MONITORING RESULTS – 2600 TPD CEMENT PLANT

**(Average Values)**


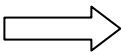
Stations Parameters	Reparable Suspended Particulate Matter (µg/m <sup>3</sup> )		Gaseous Emission (µg/m <sup>3</sup> )	
	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>
Station # 1 (Near DG Set Area)	56.26	39.19	34.68	25.26
Station # 2 (Near Guest house)	61.77	31.42	24.96	19.58
Station # 3 (Near Stone Crusher Area)	58.52	43.68	36.48	21.48

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## AMBIENT AIR QUALITY MONITORING RESULTS –LIME STONE MINING (31.05 Ha. South Khliehjar limestone mining area)

(Average Values)

 Stations Parameters 	Reparable Suspended Particulate Matter ( $\mu\text{g}/\text{m}^3$ )		Gaseous Emission ( $\mu\text{g}/\text{m}^3$ )	
	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>
Station # 1: North -East (Near Soil Dump)	62.58	44.29	25.98	19.48
Station # 2: North - West(Near Haul Road)	64.41	41.49	28.46	21.75
Station # 3: Southern side (Near Lease Boundary)	66.98	46.24	31.29	20.67