

MEGHALAYA CEMENTS LIMITED

FEBRUARY – 2019

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

Sl.No.	Stack Attached To	Particulate Matter(mg/Nm ³)	SO ₂ (mg/Nm ³)	NO _x (mg/Nm ³)
1	Primary Crusher	19.60	-	-
2	Secondary Crusher	18.46	-	-
3	Coal Mill 1	26.96	-	-
4	Coal Mill 2	28.41	-	-
5	RABH 1	16.40	617.30	389.20
6	RABH 2	14.80	696.40	361.40
7	ESP 1	23.80	-	-
8	ESP 2	20.40	-	-
9	Packing House No-1	21.59	-	-
10	Cement Mill No-1	22.92	-	-
11	CPP	30.40	421.20	229.40
12	Cement Mill No-2	25.53	-	-
13	Packing House No-2	19.82	-	-

AMBIENT AIR QUALITY MONITORING RESULTS – 2600 TPD CEMENT PLANT


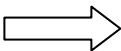
(Average Values)

<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">↓ Stations</div> <div style="text-align: center;">→ Parameters</div> </div>	Reparable Suspended Particulate Matter (µg/m ³)		Gaseous Emission (µg/m ³)	
	PM ₁₀	PM _{2.5}	SO ₂	NO _x
Station # 1 (Near DG Set Area)	57.64	41.32	31.44	23.11
Station # 2 (Near Guest house)	63.42	33.23	21.16	17.97
Station # 3 (Near Stone Crusher Area)	61.28	45.24	33.48	19.67

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AMBIENT AIR QUALITY MONITORING RESULTS –LIME STONE MINING (31.05 Ha. South Khliehjari 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 ₁₀	PM _{2.5}	SO ₂	NO _x
Station # 1: North -East (Near Soil Dump)	64.58	31.25	24.36	18.77
Station # 2: North - West(Near Haul Road)	69.59	34.59	26.94	23.59
Station # 3: Southern side (Near Lease Boundary)	72.56	36.57	29.64	22.54