

STAR CEMENT MEGHALAYA LIMITED

Ref: SCML/EHS/LUM/2024-25/42

Dated: 07/12/2024

To,

The Member Secretary
Meghalaya State Pollution Control Board
'ARDEN', Lumpynggad,
Shillong, Meghalaya – 793014

Subject : Submission of Environmental Monitoring Report for the month of November, 2024.

Reference : MPCB/ONLINE/RCTO(R-I)/EJHD/2021/2024-2025/56, Dtd: Shillong, the 5th June, 2024.

Dear Sir,

This is in reference to above cited subject, we are hereby submitting the monthly Environmental monitoring reports of Ambient Air Quality monitoring including meteorological data, Stack Emission, Fugitive Emission, Surface water monitoring reports of **Star Cement Meghalaya Limited** (formerly known as *Megha Technical & Engineers Pvt Ltd*) for the month of **November, 2024**.

This is for your kind information, record and kindly acknowledge receipt of the same.

Thanking You,

Yours truly,
For **STAR CEMENT MEGHALAYA LIMITED**



Laxmaiah Munjala
Unit Head

Enclosed: a/a

Copy To: The Regional Director, Central Pollution Control Board (CPCB), North Eastern Zonal Office, 'TUMSIR', Lower Motinagar, Shillong, Meghalaya-790314.



STAR CEMENT MEGHALAYA LIMITED

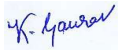
Lumshnong, Meghalaya

Date (DD-MM-YYYY)	Pressure (mmHg)	Relative Humidity (%)	Temp. (C)	Manual Rain (mm)
01-11-2024	720.7	72.8	18.9	0.0
02-11-2024	724.7	71.6	18.2	0.0
03-11-2024	719.3	72.4	19.1	0.0
04-11-2024	722.0	70.7	18.9	0.0
05-11-2024	723.6	70.5	18.8	0.0
06-11-2024	721.3	71.8	18.2	0.0
07-11-2024	721.6	70.6	20.0	0.0
08-11-2024	720.0	70.4	19.0	0.0
09-11-2024	718.4	70.6	18.7	0.0
10-11-2024	716.0	71.7	19.1	0.0
11-11-2024	721.6	74.9	19.2	0.0
12-11-2024	722.1	74.0	20.9	0.0
13-11-2024	719.8	78.2	19.0	0.0
14-11-2024	716.8	75.3	19.1	0.0
15-11-2024	723.5	75.5	20.0	0.0
16-11-2024	721.3	72.7	19.6	0.0
17-11-2024	720.1	79.0	16.8	0.0
18-11-2024	716.8	78.2	15.4	0.0
19-11-2024	723.5	71.2	17.1	0.0
20-11-2024	721.3	64.2	17.0	0.0
21-11-2024	726.4	67.2	18.5	0.0
22-11-2024	720.3	72.0	18.8	0.0
23-11-2024	716.0	71.5	18.9	0.0
24-11-2024	721.6	69.4	20.1	0.0
25-11-2024	722.1	72.1	18.9	0.0
26-11-2024	719.8	68.8	18.1	0.0
27-11-2024	722.0	71.7	18.6	0.0
28-11-2024	723.6	73.1	19.1	0.0
29-11-2024	722.0	75.2	18.4	0.0
30-11-2024	716.8	75.2	18.0	0.0
			Total	0.0

	STAR CEMENT MEGHALAYA LIMITED CEMENT MILL - 1 Lumshnong, Meghalaya		Reference No.	MTEPL/Env/F – 01
			Issue No.	1
			Date of Issue:	24.08.2013
			Revision No.	5
	AMBIENT AIR QUALITY MONITORING REPORT		Date of Rev.	01.12.2020
Reference No.: MTEPL/ENV/AAQM/MONTHLY/2024-25/20			Month : November	
Location of Sampling: Near Pump House		GPS Coordinate: 25°10'42"N 92°23'32"E 919 m		
Sampling Duration:	24 Hrs.	24 Hrs.	24 Hrs.	24 Hrs.
Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
04.11.2024	69.52	51.78	19.59	17.98
06.11.2024	65.52	52.84	18.26	18.74
08.11.2024	63.57	50.24	18.63	18.26
11.11.2024	68.33	46.78	19.78	17.56
13.11.2024	65.69	50.25	18.52	16.64
15.11.2024	65.21	47.57	16.36	15.82
18.11.2024	69.54	55.26	18.22	19.26
20.11.2024	68.59	53.56	19.48	17.06
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m ³)	60 (µg/m ³)	80 (µg/m ³)	80 (µg/m ³)
Remarks: All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.				
 Analysed by		 Checked by		 Verified By

	STAR CEMENT MEGHALAYA LIMITED CEMENT MILL - 1 Lumshnong, Meghalaya		Reference No.	MTEPL/Env/F – 01
			Issue No.	1
			Date of Issue:	24.08.2013
			Revision No.	5
	AMBIENT AIR QUALITY MONITORING REPORT		Date of Rev.	01.12.2020
Reference No.: MTEPL/ENV/AAQM/MONTHLY/2024-25/20			Month : November	
Location of Sampling: Vishwakarma Colony		GPS Coordinate: 25°10'46"N 92°23'17"E 552 m		
Sampling Duration:	24 Hrs.	24 Hrs.	24 Hrs.	24 Hrs.
Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
04.11.2024	33.26	25.21	16.32	18.63
06.11.2024	31.29	27.29	15.91	18.34
08.11.2024	29.58	26.56	16.16	18.56
11.11.2024	36.51	23.14	14.56	19.37
13.11.2024	32.13	23.97	20.46	17.24
15.11.2024	30.89	25.37	16.49	18.38
18.11.2024	32.98	26.66	14.52	16.92
20.11.2024	35.14	26.45	15.00	17.22
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m ³)	60 (µg/m ³)	80 (µg/m ³)	80 (µg/m ³)
Remarks: All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.				
 Analysed by	 Checked by	 Verified By		

	STAR CEMENT MEGHALAYA LIMITED CEMENT MILL - 1 Lumshnong, Meghalaya		Reference No.	MTEPL/Env/F – 01
			Issue No.	1
			Date of Issue:	24.08.2013
			Revision No.	5
AMBIENT AIR QUALITY MONITORING REPORT			Date of Rev.	01.12.2020
Reference No.: MTEPL/ENV/AAQM/MONTHLY/2024-25/20			Month : November	
Location of Sampling: Near Star Club		GPS Coordinate: 25°10'36"N 92°23'16"E 928 m		
Sampling Duration:	24 Hrs.	24 Hrs.	24 Hrs.	24 Hrs.
Date of Sampling	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
04.11.2024	49.54	39.33	15.25	19.85
06.11.2024	53.58	38.26	16.55	23.54
08.11.2024	45.26	38.56	14.05	16.23
11.11.2024	50.36	40.21	13.95	18.58
13.11.2024	68.52	38.46	14.65	17.29
15.11.2024	48.44	56.01	14.85	16.21
18.11.2024	52.12	43.23	12.25	18.56
20.11.2024	49.36	37.28	14.35	17.58
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m ³)	60 (µg/m ³)	80 (µg/m ³)	80 (µg/m ³)
Remarks: All the analyzed parameters are well within the permissible limits of NAAQ Standards , Notification dated 18th November 2009.				
 Analysed by  Checked by  Verified By				

	STAR CEMENT MEGHALAYA LIMITED CEMENT MILL - 1 Lumshnong, Meghalaya		Document No.	MTEPL/EHS/Env/F-04
			Date of Issued	01-05-2019
			Revision No.	2
	FUGITIVE EMISSION MONITORING REPORT		Revision Date	01-01-2021
Ref: MTEPL/ENV/FUGITIVE/MONTHLY/2024-25/20				
Month - November				
Date	Location	Fugitive Emission Results	As per CPCB/BIS Guideline	
			Limit	
		(in µg/m ³)	(in µg/m ³)	
19.11.2024	Cement Packing Plant	1740	5000	
Analized By  Checked by  Verified By 				

