

STAR CEMENT MEGHALAYA LIMITED

Ref: SCML-MLA/EHS/LUM/2023-24/41

Dated: 28/03/2024

To,

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

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

Reference : MPCB/ONLINE/RCTO(R-I)/EJHD/2021/2023-2024/30, Dtd: Shillong, the 27th September, 2023.

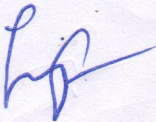
Dear Sir,

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, Fugitive Emission, Surface water monitoring reports of **Brishyrnot Limestone Deposit-I (MLA 42.051 Ha)** of **Star Cement Meghalaya Limited** for the month of **February, 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.

Regd. Office & Works: P.O. Lumshnong, East Jaintia Hills District, Meghalaya-793210, E-mail: ehslums@starcement.co.in

Corporate Office: Century House, 2nd Floor, P 15/1, Taratala Road, Kolkata-700088, e-mail: kolkata@starcement.co.in



AN ISO 9001, ISO 14001 & ISO 45001 CERTIFIED COMPANY

CIN : U63090ML2005PLC008011



STAR CEMENT MEGHALAYA LIMITED

Lumshnong, Meghalaya

Date (DD-MM-YYYY)	Pressure (mmHg)	Relative Humidity (%)	Temp. (C)	Manual Rain (mm)
01-02-2024	719.5	71.6	18.8	0.0
02-02-2024	716.9	70.4	18.1	15.3
03-02-2024	716.6	71.2	19.0	8.4
04-02-2024	722.8	69.5	18.8	0.0
05-02-2024	720.1	69.3	18.7	0.0
06-02-2024	725.9	70.6	18.1	0.0
07-02-2024	720.5	69.4	20.0	0.0
08-02-2024	723.2	69.2	19.0	0.0
09-02-2024	724.8	69.4	18.6	0.0
10-02-2024	722.5	70.5	19.0	0.0
11-02-2024	720.5	73.7	19.1	0.0
12-02-2024	720.0	72.8	20.8	0.0
13-02-2024	720.4	77.0	18.9	0.0
14-02-2024	723.2	74.1	19.0	0.0
15-02-2024	723.4	74.3	19.9	0.0
16-02-2024	722.8	71.5	19.5	0.0
17-02-2024	721.2	77.8	16.7	0.0
18-02-2024	719.6	77.0	15.3	0.0
19-02-2024	717.2	70.0	17.0	0.0
20-02-2024	722.8	63.0	16.9	8.2
21-02-2024	723.3	66.0	18.4	12.8
22-02-2024	721.0	70.8	18.7	24.6
23-02-2024	723.2	70.3	18.8	9.8
24-02-2024	724.8	68.2	20.0	0.0
25-02-2024	723.2	70.9	18.8	0.0
26-02-2024	718.0	67.6	18.0	0.0
27-02-2024	724.7	70.5	18.5	0.0
28-02-2024	722.5	71.9	19.0	0.0
29-02-2024	721.3	74.0	15.7	0.0
			Total	79.1

	STAR CEMENT MEGHALAYA LIMITED Brishyrnot Limestone Deposit - I (MLA 42.051) Lumshnong, Meghalaya		Reference No.	SCML/Env/F - 01
			Issue No.	1
			Date of Issue:	24.08.2013
	AMBIENT AIR QUALITY MONITORING REPORT		Revision No.	5
Date of Rev.			01.12.2020	
Reference No.: SCML/ENV/AAQM/MONTHLY/2023-24/11			Month : February	
Location of Sampling: Mines Entrance Haul Road		GPS Coordinate: 25°10'14.88"N 92°24'52.13"E		
Sampling Duration:	24 Hrs.	24 Hrs.	24 Hrs.	24 Hrs.
Date of Sampling	PM ₁₀ (µg/m³)	PM _{2.5} (µg/m³)	SO ₂ (µg/m³)	NO ₂ (µg/m³)
29.02.2024	72.99	45.46	18.84	27.13
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m³)	60 (µg/m³)	80 (µg/m³)	80 (µg/m³)
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 Brishyrot Limestone Deposit - I (MLA 42.051) Lumshnong, Meghalaya		Reference No.	SCML/Env/F - 01
			Issue No.	1
	AMBIENT AIR QUALITY MONITORING REPORT		Date of Issue:	24.08.2013
			Revision No.	5
			Date of Rev.	01.12.2020
Reference No.: SCML/ENV/AAQM/MONTHLY/2023-24/11			Month : February	
Location of Sampling: ROC Drilling Point		GPS Coordinate: 25°10'15.92"N 92°24'55.38"E		
Sampling Duration:	24 Hrs.	24 Hrs.	24 Hrs.	24 Hrs.
Date of Sampling	PM ₁₀ (µg/m³)	PM _{2.5} (µg/m³)	SO ₂ (µg/m³)	NO ₂ (µg/m³)
29.02.2024	66.50	42.07	17.44	23.16
NAAQS permissible limits for Rural, Industrial, Residential Area	100 (µg/m³)	60 (µg/m³)	80 (µg/m³)	80 (µg/m³)
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 Brishyrnot Limestone Deposit - I (MLA 42.051) Lumshnong, Meghalaya		Reference No.		SCML/Env/F – 01
			Issue No.		1
			Date of Issue:		24.08.2013
	AMBIENT AIR QUALITY MONITORING REPORT		Revision No.		5
Date of Rev.			01.12.2020		
Reference No.: SCML/ENV/AAQM/MONTHLY/2023-24/11			Month : February		
Location of Sampling: Excavator Point			GPS Coordinate: 25°10'16.34"N 92°24'54.97"E 745 m		
Sampling Duration:	24 Hrs.	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)	
29.02.2024	61.92	44.95	17.91	24.36	
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 Lumshnong, Meghalaya		Reference No.	SCML/Env/F – 07 (a)
			Issue No.	1
			Date of Issue:	01.12.2018
	FUGITIVE EMISSION REPORT		Revision No.	2
Date of Rev.			01.12.2020	
Ref: SCML/ENV/FUGITIVE/MONTHLY/2023-24/11				
Brishyrnot Limestone Deposit - I (MLA 42.051)				
Month - February				
Date	Location	Fugitive Emission Results (in $\mu\text{g}/\text{m}^3$)	As per CPCB/BIS Guideline	
			Limit (in $\mu\text{g}/\text{m}^3$)	
29.02.2024	Near Lime Stone loading area	1495	5000	
 Analyzed By  Checked By  Verified By				

Reference No.	SCML/EHS/F-04
Issue No.	1
Date of Issue:	24.08.2013
Revision No.	3
Date of Rev.	01.06.2019