

STAR CEMENT MEGHALAYA LIMITED

Ref: SCML-MLA/EHS/LUM/2023-24/21

Dated: 14/09/2023

To,

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

Subject : Submission of Environmental Monitoring Report for the month of August, 2023.

Reference : MPCB/ONLINE/CTO(R-I)/EJHD/2021/2022-2023/14, Dtd: Shillong, the 30th Aug, 2022.

Dear Sir,

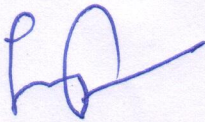
This is in reference to above cited subject, we are hereby submitting the monthly Environmental monitoring reports of Ambient Air Quality monitoring including meteorological data, Fugitive Emission, Surface water monitoring reports of Brishyrnot Limestone Deposit-I (MLA 42.051 Ha) of Star Cement Meghalaya Limited for the month of **August, 2023**.

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)
01-08-2023	764.9	68.7	30.4	0.0
02-08-2023	762.5	75.9	28.6	3.0
03-08-2023	763.4	76.0	23.0	14.5
04-08-2023	761.8	85.2	22.0	78.8
05-08-2023	763.7	83.1	27.3	23.0
06-08-2023	760.2	89.0	22.0	98.0
07-08-2023	762.8	85.0	22.5	45.0
08-08-2023	763.8	84.0	22.0	62.0
09-08-2023	761.7	80.4	22.4	59.5
10-08-2023	761.4	87.6	22.0	101.9
11-08-2023	762.0	90.1	21.0	192.7
12-08-2023	763.8	89.7	21.0	153.0
13-08-2023	761.7	75.6	26.4	18.8
14-08-2023	760.0	70.9	26.7	19.8
15-08-2023	761.4	62.7	27.9	1.1
16-08-2023	763.5	60.4	28.4	4.2
17-08-2023	760.2	59.0	28.6	9.6
18-08-2023	762.9	60.0	29.0	0.0
19-08-2023	761.0	76.9	27.8	36.2
20-08-2023	762.0	67.8	28.4	4.6
21-08-2023	765.0	78.6	27.9	32.2
22-08-2023	761.0	75.1	28.4	23.2
23-08-2023	763.4	79.6	27.1	42.2
24-08-2023	761.0	78.0	27.6	44.2
25-08-2023	762.8	72.6	26.4	28.2
26-08-2023	761.4	90.0	25.6	125.8
27-08-2023	761.6	85.7	25.0	114.4
28-08-2023	762.9	79.5	26.7	77.8
29-08-2023	763.5	68.0	27.6	0.0
30-08-2023	761.4	62.0	29.7	0.0
31-08-2023	762.8	63.7	29.7	0.0
			Total	1413.7

	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/2023-24/05			Month: August	
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)
31.08.2023	54.27	33.50	15.09	20.27
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/2023-24/05			Month: August	
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)
31.08.2023	47.78	30.11	13.69	16.30
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/2023-24/05			Month: August	
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.
Date of Sampling	PM ₁₀ (µg/m³)	PM _{2.5} (µg/m³)	SO ₂ (µg/m³)	NO ₂ (µg/m³)
31.08.2023	43.20	32.99	14.16	17.50
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 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/2023-24/05				
Brishyrnot Limestone Deposit - I (MLA 42.051)				
Month - August				
Date	Location	Fugitive Emission Results	As per CPCB/BIS Guideline	
			Limit	
		(in $\mu\text{g}/\text{m}^3$)		(in $\mu\text{g}/\text{m}^3$)
31.08.2023	Near Lime Stone loading area	1497	5000	
 Analyzed By  Checked By  Verified By				

