



STAR CEMENT MEGHALAYA LIMITED

Lumshnong, Meghalaya

Date (DD-MM-YYYY)	Pressure (mmHg)	Relative Humidity (%)	Temp. (C)	Manual Rain (mm)
01-10-2023	762.8	81.2	28.7	0.0
02-10-2023	762.8	83.3	30.4	62.8
03-10-2023	761.8	84.8	30.8	9.2
04-10-2023	763.8	70.3	31.8	0.0
05-10-2023	764.8	68.3	28.6	18.6
06-10-2023	762.8	68.3	22.8	34.0
07-10-2023	761.8	75.7	23.8	68.0
08-10-2023	763.8	74.2	25.8	90.8
09-10-2023	763.0	78.9	26.8	21.8
10-10-2023	762.8	77.3	30.8	0.0
11-10-2023	764.3	74.2	30.3	0.0
12-10-2023	763.2	70.6	29.5	2.0
13-10-2023	763.6	90.2	30.2	0.0
14-10-2023	762.2	76.4	29.5	0.0
15-10-2023	762.5	72.2	27.2	0.0
16-10-2023	763.2	79.4	30.9	0.0
17-10-2023	763.8	84.8	30.8	0.0
18-10-2023	764.3	70.3	31.8	0.0
19-10-2023	761.8	68.3	28.6	0.0
20-10-2023	764.0	68.3	22.8	0.0
21-10-2023	761.8	75.7	23.8	0.0
22-10-2023	763.8	74.2	25.8	0.0
23-10-2023	763.0	78.9	26.8	12.6
24-10-2023	762.8	77.3	30.8	4.2
25-10-2023	764.3	74.2	30.3	0.0
26-10-2023	763.2	70.6	29.5	0.0
27-10-2023	763.6	90.2	30.2	0.0
28-10-2023	762.2	76.4	29.5	0.0
29-10-2023	762.5	72.2	27.2	0.0
30-10-2023	763.2	79.4	30.9	0.0
31-10-2023	763.6	72.2	27.2	0.0
			Total	324.0

	STAR CEMENT MEGHALAYA LIMITED Shale Mining Lease (4.67 ha) 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/2023-24/07			Month : October	
Location of Sampling: Mines Entrance Haul Road		GPS Coordinate: 25°09'55"N 92°24'32"E		
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)
30.10.2023	39.58	27.35	15.17	19.37
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 Shale Mining Lease (4.67 ha) 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/2023-24/07			Month : October	
Location of Sampling: Excavator Point		GPS Coordinate: 25°10'00.6"N 92°24'34"E		
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)
30.10.2023	45.48	30.90	14.43	17.75
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/2023-24/07				
Shale Minning Lease (4.67 ha)				
Month - October				
Date	Location	Fugitive Emission Results	As per CPCB/BIS Guideline	
		(in $\mu\text{g}/\text{m}^3$)	Limit	(in $\mu\text{g}/\text{m}^3$)
30.10.2023	Near Shale loading area	1386	5000	
 Analyzed By  Checked By  Verified By				

