



STAR CEMENT MEGHALAYA LIMITED

Lumshnong, Meghalaya

Date (DD-MM-YYYY)	Pressure (mmHg)	Relative Humidity (%)	Temp. (C)	Manual Rain (mm)
01-05-2023	762.5	60.1	32.7	0
02-05-2023	762.2	57.9	39.6	0
03-05-2023	761	59.7	40.7	4.6
04-05-2023	761.5	85.0	25.9	48
05-05-2023	760.9	65.7	29.8	0
06-05-2023	762.5	77.8	31.8	2
07-05-2023	762.2	66.9	33.4	0
08-05-2023	762.5	64.7	39.7	0
09-05-2023	761.4	61.8	32.5	0
10-05-2023	763	86.7	22.6	120
11-05-2023	762	75.9	38.9	0
12-05-2023	764	79.6	29.7	10
13-05-2023	760.6	54.7	37.6	0
14-05-2023	762.7	53.4	35.4	0
15-05-2023	764.8	76.1	33.7	12
16-05-2023	766	85.2	29.4	62.4
17-05-2023	764	59.7	33.6	0
18-05-2023	768	68.6	22.9	3
19-05-2023	764	64.9	23.8	10.2
20-05-2023	763.4	80.1	23.4	72.8
21-05-2023	761	82.6	20.7	12.4
22-05-2023	763.8	75.1	26.4	2
23-05-2023	760.9	84.6	25.7	8.2
24-05-2023	762.5	55.1	34.6	0
25-05-2023	762.2	55.0	35.0	0
26-05-2023	763	58.4	25.9	16
27-05-2023	761	87.6	22.9	76.8
28-05-2023	760	58.2	31.9	0
29-05-2023	762.5	52.9	32.4	0
30-05-2023	763	55.0	36.4	0
31-05-2023	763.5	53.9	32.5	0
			Total	460.4

	STAR CEMENT MEGHALAYA LIMITED (4.67 Ha) 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/2023-24/02			Month: May	
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)
22.05.2023	51.33	33.20	14.19	16.03
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 (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/2023-24/02			Month: May	
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)
22.05.2023	44.01	29.91	11.49	12.05
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 (4.67Ha) 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/2023-24/02				
(4.67 Ha)				
Month - May				
Date	Location	Fugitive Emission Results	As per CPCB/BIS Guideline	
			Limit	
		(in $\mu\text{g}/\text{m}^3$)	(in $\mu\text{g}/\text{m}^3$)	
22.05.2023	Near Shale loading area	1863	5000	
 Analyzed By  Checked By  Verified By				

