

STAR CEMENT LIMITED

Ref: SCL/EHS/LUM/2024-25/11

Dated: 14/06/2024

To,

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

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

Reference : MPCB/ONLINE-CTO(R-1) EJHD/2021/2023-2024/34-A, Dated Shillong, the 23rd January, 2024.

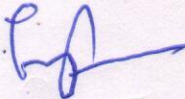
Dear Sir,

This is in reference to above cited subject, we are hereby submitting the monthly Environmental monitoring reports of Ambient Air Quality for plant and ESZ including meteorological data, Stack Emission, Fugitive Emission, Surface water & Waste Water (STP) monitoring reports of **Star Cement Limited (Line-I & Line-II)** for the month of **May, 2024**.

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

Thanking you,

Yours truly,
For **Star Cement 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.



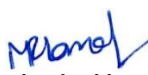
STAR CEMENT LIMITED
Lumshnong, Meghalaya

Date (DD-MM-YYYY)	Pressure (mmHg)	Relative Humidity (%)	Temp. (C)	Manual Rain (mm)
01-05-2024	716.2	73.4	20.2	45.8
02-05-2024	718.5	73.5	20.4	97.0
03-05-2024	721.3	73.6	20.6	0.0
04-05-2024	720.4	73.7	20.8	6.2
05-05-2024	720.6	73.8	21.0	27.4
06-05-2024	720.8	73.9	21.2	16.2
07-05-2024	721.0	74.0	21.4	0.0
08-05-2024	721.2	72.5	21.6	0.0
09-05-2024	721.4	72.1	21.8	0.0
10-05-2024	721.6	74.6	22.0	0.0
11-05-2024	721.8	75.1	22.2	8.2
12-05-2024	722.0	76.2	21.5	0.0
13-05-2024	722.2	74.5	22.1	0.0
14-05-2024	722.4	74.3	22.6	0.0
15-05-2024	722.6	71.2	21.3	0.0
16-05-2024	718.2	70.7	20.2	0.0
17-05-2024	716.1	70.1	20.4	0.0
18-05-2024	714.0	69.6	19.8	6.2
19-05-2024	716.5	69.0	19.7	0.0
20-05-2024	717.6	70.2	19.5	0.0
21-05-2024	718.7	70.5	19.3	0.0
22-05-2024	719.8	70.8	19.1	0.0
23-05-2024	720.9	71.1	18.9	0.0
24-05-2024	722.0	71.4	18.7	0.0
25-05-2024	723.1	71.7	21.3	0.0
26-05-2024	724.2	72.0	22.4	12.6
27-05-2024	725.3	72.3	23.5	55.0
28-05-2024	726.4	72.6	24.6	148.2
29-05-2024	723.6	72.9	25.7	155.0
30-05-2024	721.4	73.2	24.3	198.3
31-05-2024	719.2	73.5	22.9	43.8
			Total	819.9

	STAR CEMENT LIMITED Lumshnong, Meghalaya		Reference No.	SCL/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.: SCL/ENV/AAQM/MONTHLY/2024-25/14			May-24	
Location of Sampling: Near Star Club		GPS Coordinate: 25°10'36"N 92°23'16"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)
03.05.2024	45.18	20.48	6.41	13.69
07.05.2024	44.68	21.65	6.87	14.47
10.05.2024	41.06	22.41	6.02	16.58
14.05.2024	39.52	23.44	6.04	17.80
15.05.2024	37.46	24.41	5.85	19.25
18.05.2024	35.40	25.37	5.65	20.69
20.05.2024	33.34	16.34	4.28	22.14
25.05.2024	31.28	17.30	4.15	23.58
NAAQMS 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 LIMITED Lumshnong, Meghalaya		Reference No.	SCL/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.: SCL/ENV/AAQM/MONTHLY/2024-25/14			May-24	
Location of Sampling: Near Pump House		GPS Coordinate: 25°10'42"N 92°23'32"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)
03.05.2024	38.49	18.47	4.06	10.57
07.05.2024	42.69	16.58	5.67	11.38
10.05.2024	44.26	24.62	6.04	12.06
14.05.2024	47.58	26.04	7.24	12.83
15.05.2024	50.47	29.12	8.23	13.57
18.05.2024	53.35	32.19	9.22	14.32
20.05.2024	56.24	35.27	10.21	15.06
25.05.2024	59.12	38.34	11.20	15.81
NAAQMS 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 LIMITED Lumshnong, Meghalaya		Reference No.	SCL/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.: SCL/ENV/AAQM/MONTHLY/2024-25/14			May-24	
Location of Sampling: Near Security Gate - 3		GPS Coordinate: 25°10'27"N 92°23'37"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)
03.05.2024	69.41	45.67	15.48	24.65
07.05.2024	72.58	42.45	16.49	26.48
10.05.2024	76.16	43.27	17.36	25.06
14.05.2024	79.47	41.40	16.52	25.81
15.05.2024	82.84	40.20	17.46	26.01
18.05.2024	86.22	43.61	17.86	26.22
20.05.2024	81.47	47.02	18.26	26.42
25.05.2024	83.16	50.44	18.66	26.63
NAAQMS 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 LIMITED Lumshnong, Meghalaya		Reference No.	SCL/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.: Tongseng Village /2024-25/14			May-24	
Location of Sampling: Tongseng Village		GPS Coordinate: 25°10'08"N 92°24'17"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)
25.05.2024	48.36	18.47	7.25	16.47
NAAQMS 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 LIMITED Lumshnong, Meghalaya						Reference No.	SCL/Env/F-02	
							Issue No.	1	
	STACK EMISSION MONITORING ANALYSIS REPORT						Date of Issue	01.05.2019	
							Revision No.	5	
Report No: SCL/ENV/STACK/MONTHLY/2024-25/14						Date of Rev.			01.06.2021
Analysis Result									
A. General Information About Stack									
1	Stack Identification No	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8
2	Stack Connected to	Kiln/Raw Mill	Coal Mill	Cooler	Roller Press	Cement Mill	Packing Plant	Primary Crusher	Secondary Crusher
3	Material of Construction (Stack/Duct)	Mild Steel	Mild Steel	Mild Steel	Mild Steel	Mild Steel	Mild Steel	Mild Steel	Mild Steel
4	Shape of duct	Circular	Circular	Circular	Circular	Circular	Circular	Circular	Circular
5	Whether duct is provided with permanent platform & ladder	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
B. Physical characteristic of stack									
1	Stack Height from ground level (meter)	45.4	37	30.4	24	30	28	21	17
2	Duct diameter at sampling point (meter)	3	1.2	2.8	1.4	1.5	1.1	1.2	1.0
3	Sampling height point from ground level (meter)	-	-	-	-	-	-	-	-
4	Cross sectional area of Duct/Stack (m ²)	7.07	1.13	6.15	1.54	1.77	0.95	1.13	0.79
C. Pollution Control Device									
1	Details of pollution control device attached to stack	Reverse Air Bag House	Bag Filter	ESP	Bag Filter	Bag Filter	Bag Filter	Bag Filter	Bag Filter
D. Result of Sampling & Analysis of Gaseous Emission									
1	Date of Sampling	10.05.2024	13.05.2024	15.05.2024	16.05.2024	17.05.2024	18.05.2024	20.05.2024	22.05.2024
2	Ambient Temp (°C)	30	26	29	24	23	22	24	25
3	Stack Gas Temp (°C)	132	76	118	35	36	37	28	24
4	Exit Velocity of Gas (m/sec.)	18.01	15.03	8.24	13.02	11.54	13.20	14.50	16.50
5	Flow Rate (Nm ³ / sec.)	84.30	14.52	32.30	17.40	18.60	11.25	13.30	10.40
6	Quantity of Emission (Nm ³ / Hr)	306624.30	45735.00	127854.65	69829.40	73262.24	38164.10	50946.20	34687.69
7	Concentration of PM (mg/Nm ³)	16.7	26.4	22.1	16.4	23.4	22.4	16.4	18.7
8	Concentration of SO ₂ (mg/Nm ³)	541.6	-	-	-	-	-	-	-
9	Concentration of NO _x (mg/Nm ³)	222.5	-	-	-	-	-	-	-
10	Oxygen (O ₂) (%)	10.0	9.6	8.1	8.7	8.2	9.1	8.5	8.6
E. Remarks									
Standard									
PM - 30 mg/Nm ³			SO ₂ - 1000 mg/Nm ³			NO _x - 800 mg/Nm ³			
Particulate Matter (PM), Sulphur di-oxide (SO ₂), Oxide of Nitrogen (Nox), Electro Static Precipitator (ESP)									
 Analysis by			 Checked by			 Authorized Signatory			

	STAR CEMENT LIMITED Lumshnong, Meghalaya	Document No.	SCL/EHS/Env/F-04
		Date of Issued	01-05-2019
		Revision No.	2
	FUJITIVE EMISSION MONITORING REPORT	Revision Date	01-01-2021
Ref: SCL/ENV/FUGITIVE/MONTHLY/2024-25/14			
Month - May			
Date	Location	Fugitive Emission Results	As per CPCB/BIS Guideline
			Limit
		(in $\mu\text{g}/\text{m}^3$)	(in $\mu\text{g}/\text{m}^3$)
12.05.2024	Coal Storage Section	1412	2000
12.05.2024	Limestone Storage Section	1350	5000
 Analyzed By  Checked by  Verified By			

	STAR CEMENT LIMITED Lumshnong, Meghalaya				Document No.	SCL/EHS/Env/F-03			
					Effective Date	01-05-2019			
	NOISE LEVEL MONITORING REPORT				Revision No.	04			
					Revision Date	01-01-2021			
Ref: SCL/ENV/NOISE/MONTHLY/2024-25/014					Date: 30.05.2024				
Month - May									
S. No.	Location	Measured Values dB(A) Day time (6:00am to 10:00pm)			Norms In dB(A)	Measured Values dB(A) Night time (10:00pm to 6:00am)			Norms in dB(A)
		Min.	Max.	Avg.		Min.	Max.	Avg.	
A	Plant								
1	Kiln	67.5	73.2	70.3	75	68.1	69.4	68.8	70
2	Raw Mill	66.1	72.7	69.4		67.4	68.2	67.8	
3	Raw Mill WF	67.7	72.6	70.2		64.8	66.4	65.6	
4	Coal Mill	67.3	72.3	69.8		66.2	67.2	66.7	
5	Cement Mill	70.5	70.7	70.6		68.5	69.1	68.8	
6	Cement Mill WF	67.5	71.8	69.7		65.6	67.4	66.5	
7	Primary Crusher (Dump Hopper)	67.6	71.5	69.6		64.1	65.4	64.8	
8	Primary Crusher (Near BC-1)	67.8	71.3	69.5		65.7	66.1	65.9	
9	Secondary Crusher	67.9	71.0	69.4		66.4	67.4	66.9	
B.	DG House								
1	Control Room	71.3	73.2	72.2	75	68.5	69.7	69.1	70
2	Office	70.3	73.5	71.9		65.2	67.3	66.3	
C.	Offices								
1	CCR	67.5	68.5	68.0	75	64.3	65.9	65.1	70
2	Meeting Room	56.4	58.7	57.6		63.3	64.3	63.8	
3	VP'S Room	57.4	62.4	59.9		62.1	65.5	63.8	
4	Inst. Shift Room	55.3	59.1	57.2		66.5	66.8	66.7	
5	Drawing Office	54.6	56.3	55.5		67.4	68.4	67.9	
6	QC Department	51.8	55.7	53.8		65.2	67.6	66.4	
	a) Chemical Lab	53.8	54.4	54.1		63.4	66.2	64.8	
	b) Physical Lab	52.1	57.5	54.8		60.2	63.4	61.8	
	c) Shift Lab	53.7	56.4	55.1		59.4	63.1	61.3	
	d) Sample Preparation Room	56.5	60.5	58.5	63.1	65.7	64.4		
D.	Residential								
1	Bachelor Hostel	35.4	37.5	36.5	55	33.4	35.5	34.4	45
2	HOD'S Quater's	33.5	35.5	34.5		33.2	35.1	34.2	
3	650 Quater's	38.5	40.4	39.5		36.5	39.4	37.9	
4	250 Quater's	39.5	41.4	40.4		37.2	40.2	38.7	
5	Hut	40.2	47.4	43.8		38.1	41.3	39.7	
E.	Dispensary	37.7	40.3	39.0		35.4	39.6	37.5	
 Analyzed by  Checked By  Verified By									

	STAR CEMENT LIMITED Lumshnong, Meghalaya				Reference No.	SCL/EHS/F-04
					Issue No.	1
	WATER TESTING REPORT				Date of Issue:	24.08.2013
					Revision No.	3
				Date of Rev.	01.06.2019	

Reference No.: SCL/ENV/WATER/MONTHLY/2024-25/14

Date of sample collection: 10.05.2024
 Date of Analysis: 11.05.2024 to 14.05.2024

Sl.No.	Parameter	Unit	STP Inlet	STP Outlet	Standard Norms For Discharge of Environment Pollution (Notification Date: - 19th May 1993) & Consent To Operate vide letter no. MPCB/TB-900 (Pt-II)/2014- 2015/34 - dated Shillong, the 3rd Sep,2014
1	pH	-	7.0	7.4	5.5 to 9.0
2	Colour	Hazen	Yellowish	Colourless	-
3	Odour	-	Odourless	Odourless	-
4	Chloride	mg/L	76.5	80.4	-
5	Total Hardness as CaCO ₃	mg/L	58.6	51.2	-
6	Suspended Solids	mg/L	70	26.0	100
7	Total Dissolve Solids	mg/L	360	296	-
8	Chemical Oxygen Demand	mg/L	120	43	250
9	Biochemical Oxygen Demand (For 3 days at 27 °C)	mg/L	75	12.0	30
10	Oil & Grease	mg/L	2.1	<2	10
11	Temperature	° C	25	25	Shall not exceed 5.0°C above the receiving water temperature
12	Conductivity	µS/cm	450	480	-



Analysis By



Checked By



Verified By



STAR CEMENT LIMITED
Lumshnong, Meghalaya

WATER TESTING REPORT

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

Reference No.: SCL/ENV/WATER/MONTHLY/2024-25/14

Surface Water Analysis Results

Date of sample collection: 10.05.2024

Date of Analysis: 11.05.2024 to 14.05.2024

S.No.	Parameter	Unit	Umtyrngai Nallah		Umutha Nallah		Umso Nalah	Umbadoh	Tongseng	Lumshnong	Wahiajer	Standards norms as per IS 2296
			Up Stream	Down Stream	Up Stream	Down Stream	Down Stream	Seasonal Spring / Seasonal Nallah				
1	pH	-	7.1	7.2	7.2	7.2	7.8	7.2	7.3	7.5	7.6	6.5 - 8.5
2	Colour	Hazen	Colourless	Colourless	Colourless	Colourless	Colourless	Colourless	Colourless	Colourless	Colourless	10
3	Odour	-	Unobjectionable								Unobjectionable	Unobjectionable
4	Chloride	mg/L	26.1	27.3	26.4	26.9	27.1	27.2	27.4	27.5	27.7	250
5	Total Hardness as CaCO ₃	mg/L	52.3	53.1	53.9	54.7	55.5	65.1	80.2	82.3	45.2	300
6	Suspended Solids	mg/L	5.3	8.4	2.5	5.4	14.0	6.0	8.0	11.2	2.8	-
7	Total Dissolve Solids	mg/L	300.1	245.4	265.0	298.0	315.0	300.0	323.0	350.0	225.0	500
8	Biochemical Oxygen Demand (For 3 days at 27 °C)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0
9	Oil & Grease	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
10	Temperature	° C	25.0	25.0	25.0	25.0	25.0	25.9	25.9	25.9	25.0	-
11	Conductivity	μS/cm	395.0	310.0	440.0	480.0	505.0	380.0	460.0	490.0	350.0	-
12	Flow	L / Min	6504.5	16525.2	7132.4	6625.3	15690.4	-	-	520.1	-	-

Analyzed by

Checked by

Verified by

	STAR CEMENT LIMITED LINE II Lumshnong, Meghalaya		Reference No.	SCL/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.: SCL/ENV/AAQM/MONTHLY/2024-25/14			May-24	
Location of Sampling: Project South Direction		GPS Coordinate: 25°10'26"N 92°23'22"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)
03.05.2024	42.36	16.48	16.47	21.15
07.05.2024	45.26	22.14	12.07	26.41
10.05.2024	49.68	35.41	9.41	23.65
14.05.2024	38.14	34.16	11.35	25.64
15.05.2024	32.47	24.57	8.47	19.04
18.05.2024	33.55	21.66	7.15	18.84
20.05.2024	38.14	22.05	10.55	16.48
25.05.2024	42.16	32.68	8.66	15.47
NAAQMS permissible limit	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 LIMITED LINE II Lumshnong, Meghalaya		Reference No.	SCL/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.: SCL/ENV/AAQM/MONTHLY/2024-25/14			May-24	
Location of Sampling: Project North Direction		GPS Coordinate: 25°10'25"N 92°23'20"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)
03.05.2024	48.54	14.25	14.15	23.16
07.05.2024	47.69	16.16	10.69	16.48
10.05.2024	46.58	26.48	8.49	18.69
14.05.2024	45.64	24.69	9.14	20.90
15.05.2024	44.66	26.54	11.84	23.11
18.05.2024	43.68	30.45	9.15	25.32
20.05.2024	42.70	24.16	10.25	27.53
25.05.2024	41.72	17.87	8.66	29.74
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 LIMITED LINE II Lumshnong, Meghalaya		Reference No.	SCL/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.: SCL/ENV/AAQM/MONTHLY/2024-25/14			May-24	
Location of Sampling: Approach Road		GPS Coordinate: 25°10'30"N 92°23'21"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)
03.05.2024	65.48	26.48	12.55	26.41
07.05.2024	58.49	27.49	12.84	26.49
10.05.2024	59.57	28.50	13.13	25.49
14.05.2024	60.65	29.51	13.42	27.16
15.05.2024	61.73	31.47	9.48	26.70
18.05.2024	62.81	32.41	9.17	26.83
20.05.2024	63.89	33.35	8.47	26.95
25.05.2024	64.97	34.29	7.77	27.08
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 LIMITED LINE II Lumshnong, Meghalaya	Document No.	SCL/EHS/Env/F-04
		Date of Issued	01-05-2019
		Revision No.	2
	FUGITIVE EMISSION MONITORING REPORT	Revision Date	01-01-2021
Ref: SCL(II)/ENV/FUGITIVE/MONTHLY/2024-25/14			
Month - May			
Date	Location	Fugitive Emission Results	As per CPCB/BIS Guideline
			Limit
		(in $\mu\text{g}/\text{m}^3$)	(in $\mu\text{g}/\text{m}^3$)
12.05.2024	Coal Storage Section	1240	2000
12.05.2024	Limestone Storage Section	1180	5000
 Analyzed By  Checked by  Verified By			

	STAR CEMENT LIMITED Line II Lumshnong, Meghalaya				Document No.		SCL/EHS/Env/F-03			
					Effective Date		01-05-2019			
					Revision No.		04			
	NOISE LEVEL MONITORING REPORT				Revision Date		01-01-2021			
Ref: SCL/ENV/NOISE/MONTHLY/2024-25/014						Date:		20.05.2024		
Month -May										
S. No.	Location	Measured Values dB(A) Day time (6:00am to 10:00pm)			Norms In dB(A)	Measured Values dB(A) Night time (10:00pm to 6:00am)			Norms in dB(A)	
		Min.	Max.	Avg.		Min.	Max.	Avg.		
A	Plant									
1	Kiln	60.2	70.5	65.3	75	57.4	71.4	64.4	70	
2	Raw Mill	62.5	71.5	67.0		59.5	68.4	63.9		
3	Coal Mill	64.8	72.5	68.6		60.8	64.9	62.9		
4	Cement Mill	67.1	73.5	70.3		57.5	62.4	60.0		
5	Primary Crusher	69.4	74.5	71.9		55.7	60.7	58.2		
6	Secondary Crusher	71.7	73.2	72.4		56.2	61.3	58.8		
C.	Residential									
1	Line II colony	49.5	53.4	51.4	55	40.1	43.7	41.9	45	
Analized by:  Checked By:  Verified By: 										