



MEGHALAYA CEMENTS LIMITED

CIN- U26942ML2003PLC007125



To,

Date: 06.06.2025

The Member Secretary,
Meghalaya State Pollution Control Board,
'Arden' Lumpyngngad,
Shillong, Meghalaya.

Dear Sir,

We are herewith submitting the Ambient Air Quality Survey report, Ambient Noise Survey report and Water Analysis report for the month of May'2025 for Limestone mining for an area of 31.05 Ha, at South Khliehji.

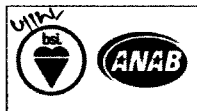
Thanking you Sir,



Yours faithfully,

For MEGHALAYA CEMENTS LIMITED

M. A. ...
Authorized Signatory



ISO 9001:2015 & 14001:2015
50001:2011 Certified Company

Sales & Marketing Office :
Mega Plaza, 4th Floor, Christian Basti
G.S. Road, Guwahati - 781 005
Tel. : 0361 2345421/22/23, Fax : 0361 2345419
E-mail : guwahati@topcem.in
Web : www.topcem.in

Kolkata :
BE-77, Salt Lake City
Sector-1, Kolkata - 700 064
Tel. : 033 2334 0666 / 0004
Fax : 033 2334 0505
E-mail : kolkata@topcem.in

Registered Office :
Village: Thangskai, P.O. & P.S. Lumshnong
District : East Jaintia Hills, Meghalaya, PIN: 793210
Tel. : +91 89742 17765 / 70850 58469 / 98625 09599
E-mail : meghalaya@topcem.in



HELPLINE NO : 18001233666

M/s MEGHALAYA CEMENTS LIMITED
AMBIENT AIR QUALITY SURVEY


MCL/ENV/LSM-AAQM/2025-26

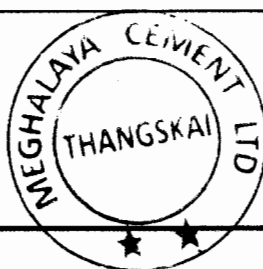
Location of sampling	South Khliehji Limestone Mine (31.05 Ha)
Date duration of sampling	10.05.2025 & 11.05.2025
Time Duration of sampling	48 hours
Weather	Clear
Total Rain Fall, mm (On Date)	00.00 mm
Ambient Temperature (°C) :	Max. -22.97°C, Min. -9.98°C
Relative Humidity (%) :	Max. -86.43 %, Min. -34.91 %
Wind direction	→S(191.14°)

Analysis Results				
Pollutants	Station No. & Air Quality Survey No.			Permissible Limits for Rural Areas (By MSPCB 24 hrs Monitoring)
	A1. North -East (Near Soil Dump) B/04/2025-26	A2. North - West (Near Haul Road) B/05/2025-26	A3.Southern side (Near Lease Boundary) B/06/2025-26	
	48 hrs.	48 hrs	48 hrs	
	Particulate Matters PM10 (µg/m³)	54.83	58.36	
Particulate Matters PM2.5 (µg/m³)	21.85	26.65	25.35	60

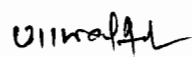
Remarks : The Parameters analysed were found to be within the permissible

Prepared by


(Abhigyan Gautam)



Checked & Verified By


(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

MONTHLY REPORT: NOISE INTENSITY

May'25

Location		Noise Intensity: dB (A) Leq	
		Noise Value in dB (A) Leq	Noise Level not to exceed, in dB (A) Leq
Drilling Point	Day	61	75
	Night	41	70
Blasting Point	Day	63	75
	Night	48	70
Hauling Point	Day	69	75
	Night	51	70
Crusher	Day	62	75
	Night	46	70

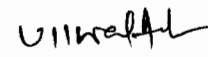
NOTE: Day Time (6:00AM to 9:00PM), Night Time (9:00PM to 6:00AM)

Prepared by


Abhigyan Gautam



Checked & Verified by


Ujjwal Anurag



MEGHALAYA CEMENTS LIMITED

CIN- U26942ML2003PLC007125



To,

Date: 06.06.2025

The Member Secretary,
Meghalaya State Pollution Control Board,
'Arden' Lumpyngngad,
Shillong, Meghalaya.

Dear Sir,

We are herewith submitting the Ambient Air Quality survey report along with stack analysis report, Ambient Noise survey report and Water analysis report for the month of **May'2025** for **2600 TPD Cement Manufacturing Plant** along with **10 MW Captive Power Plant** report respectively.

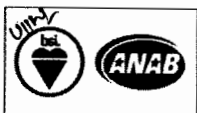
Thanking you Sir,



Yours faithfully,

For **MEGHALAYA CEMENTS LIMITED**

Mul...
Authorized Signatory



ISO 9001:2015 & 14001:2015
50001:2011 Certified Company

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Tel. : 033 2334 0666 / 0004
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Registered Office :
Village: Thangskai, P.O. & P.S. Lumshnong
District : East Jaintia Hills, Meghalaya, PIN: 793210
Tel. : +91 89742 17765 / 70850 58469 / 98625 09599
E-mail : meghalaya@topcem.in



HELPLINE NO : 18001233666

MEGHALAYA CEMENTS LIMITED

STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai
Date of Sampling : 13.05.2025
Type of Stack : Primary Crusher
Laboratory reference No : S/07/2025-26

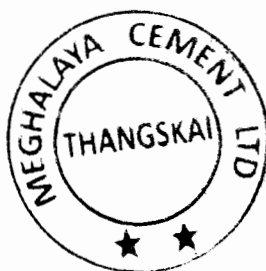
Parameters:

1) Particulate Matter (PM): 10.97 mg/Nm³

Remarks: The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10th May'2016.

Prepared by


(Abhigyan Gautam)



Checked & Verified by


(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai
Date of Sampling : 13.05.2025
Type of Stack : Secondary Crusher
Laboratory reference No : S/08/2025-26

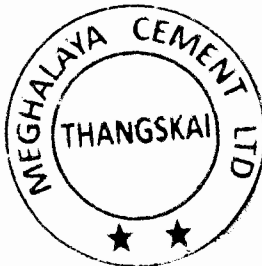
Parameters:

1) Particulate Matter (PM): 12.84mg/Nm³

Remarks: The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10th May'2016.

Prepared by


(Abhigyan Gautam)



Checked & Verified by


(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai

Date of Sampling : 12.05.2025

Type of Stack : Coal Mill-1

Laboratory reference No : S/01/2025-26

Parameters:

1) Particulate Matter (PM): 18.85 mg/Nm³

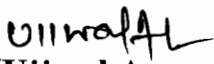
Remarks: The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10th May'2016.

Prepared by


(Abhigyan Gautam)



Checked & Verified by


(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai
Date of Sampling : 13.05.2025
Type of Stack : Coal Mill-2
Laboratory reference No : S/02/2025-26

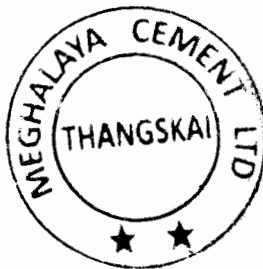
Parameters:

1) Particulate Matter (PM): 21.94 mg/Nm³

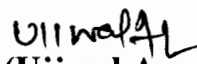
Remarks: The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10th May'2016.

Prepared by


(Abhigyan Gautam)



Checked & Verified by


(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai
Date of Sampling : 10.05.2025
Type of Stack : Kiln& Raw Mill (RABH-1)
Laboratory reference No : S/11/2025-26

Parameters:

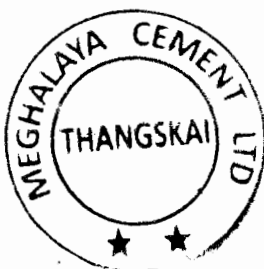
- 1) Particulate Matter (PM): 11.77 mg/Nm³
- 2) Oxides of Sulfur (as SO₂): 728.35 mg/Nm³
- 3) Oxides of Nitrogen (NO_x): 180.85 mg/Nm³

Remarks: The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10th May'2016.

Note: The SO₂ result mentioned in the test report based on the pyritic sulfur presence in our Limestone. The pyritic sulfur percentage in our limestone is >0.50.

Prepared by


(Abhigyan Gautam)



Checked & Verified by


(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai
Date of Sampling : 10.05.2026
Type of Stack : Kiln & Raw Mill (RABH-2)
Laboratory reference No : S/12/2025-26

Parameters:

1) Particulate Matter (PM): 14.26 mg/Nm³
2) Oxides of Sulfur (as SO₂): 698.55 mg/Nm³
3) Oxides of Nitrogen (NO_x): 168.00 mg/Nm³

Remarks: The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10th May'2016.

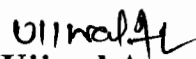
Note: *The SO₂ result mentioned in the test report based on the pyritic sulfur presence in our Limestone. The pyritic sulfur percentage in our limestone is >0.50.*

Prepared by


(Abhigyan Gautam)



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(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai
Date of Sampling : 09.05.2025
Type of Stack : Cooler E.S.P-1
Laboratory reference No : S/09/2025-26

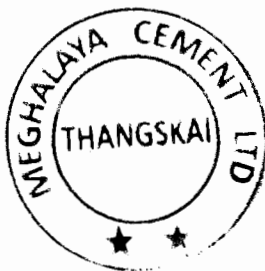
Parameters:

1) Particulate Matter (PM): 26.65 mg/Nm³

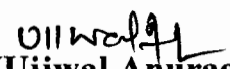
Remarks: The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10th May'2016.

Prepared by


(Abhigyan Gautam)



Checked & Verified by


(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

STACK ANALYSIS REPORT

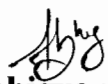
Name of sampling Location : MCL, Thangskai
Date of Sampling : 09.05.2025
Type of Stack : Cooler E.S.P-2
Laboratory reference No : S/10/2025-26

Parameters:

1) Particulate Matter (PM): 25.65 mg/Nm³

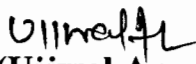
Remarks: The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10th May'2016.

Prepared by


(Abhigyan Gautam)



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(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai
Date of Sampling : 14.05.2025
Type of Stack : Cement Mill No-1
Laboratory reference No : S/05/2025-26

Parameters:

1) Particulate Matter (PM): 15.05 mg/Nm³

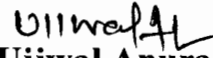
Remarks: The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10th May'2016.

Prepared by


(Abhigyan Gautam)



Checked & Verified by


(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

STACK ANALYSIS REPORT


Name of Sampling Location : MCL, Thangskai
Date of Sampling : 11.05.2025
Type of Stack : Cement Mill No-2
Laboratory reference No : S/06/2025-26

Parameters:

1) Particulate Matter (PM): 17.55 mg/Nm³


Remarks: The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10th May'2016.

Prepared by


(Abhigyan Gautam)



Checked & Verified by


(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

STACK ANALYSIS REPORT


Name of sampling Location : MCL, Thangskai
Date of Sampling : 16.05.2025
Type of Stack : Packing Plant-1
Laboratory reference No : S/03/2025-26

Parameters:

1) Particulate Matter (PM): 11.54 mg/Nm³

Remarks: The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10th May'2016.

Prepared by


(Abhigyan Gautam)

Checked & Verified by


(Ujjwal Anurag)



MEGHALAYA CEMENTS LIMITED

STACK ANALYSIS REPORT


Name of sampling Location : MCL, Thangskai
Date of Sampling : 21.05.2025
Type of Stack : Packing Plant-2
Laboratory reference No : S/04/2025-26

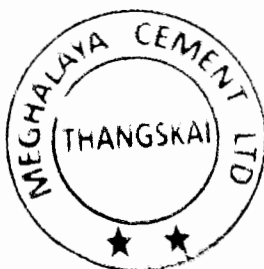
Parameters:

1) Particulate Matter (PM): 10.75 mg/Nm³

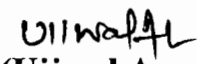
Remarks: The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10th May'2016.

Prepared by


(Abhigyan Gautam)



Checked & Verified by


(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

STACK ANALYSIS REPORT


Name of sampling Location : MCL, Thangskai
Date of Sampling : 05.05.2024
Type of Stack : C.P.P.
Laboratory reference No : S/13/2025-26

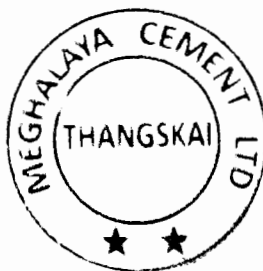
Parameters:

1) Particulate Matter (PM):- 17.81 mg/Nm³
2) Oxides of Sulfur (as SO₂):- 428.59 mg/Nm³
3) Oxides of Nitrogen (NO_x):- 140.42 mg/Nm³


Remarks: The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.3305 (E) dated 07th Dec'2015.

Prepared by


(Abhigyan Gautam)



Checked & Verified by


(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

AMBIENT AIR QUALITY SURVEY

Location of sampling	MCL, Thangskai				
Date of sampling	12.05.2025 & 13.05.2025				
Distance between the industry and sampling Location	100.0 meters 20.00 meters 25.00 meters 10.00 meters				
Time duration of sampling	48 hrs				
Weather	Clear				
Total Rainfall, mm(On Date)	0.00 mm				
Ambient Temperature(⁰ C)):					
Maximum:	25.03				
Minimum:	12.09				
Relative Humidity (%):					
Maximum:	97.23				
Minimum:	54.05				
Wind direction (in Degree)	→S (192.36)				
Pollutants	Analysis results				Permissible Limits For Rural Areas (By MSPCB 24hrs Monitoring)
	Station No. & Air Quality Survey No.				
	1) Opposite Guest house A/01/2025-26	2)Near L/S Crusher A/02/2025-26	3)Near Substation (DW Direction) A/03/2025-26	4) Near CCR Building A/04/2025-26	
	24 hrs.	24 hrs.	24 hrs.	24 hrs.	
Suspended Particulate Matters PM ₁₀ (µg/m ³)	48.27	51.02	42.55	40.28	100µg/m ³
Suspended Particulate Matters PM _{2.5} (µg/m ³)	26.55	20.77	21.93	19.33	60µg/m ³

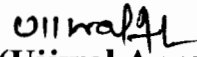
Remarks: The parameters were analyzed and found within the permissible limits of Ambient Air Quality Standards (National) as per as the EPA Notification G.S.R.826 (E) dated 16th Nov'2009.

Prepared by


(Abhigyan Gautam)



Checked & Verified by


(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

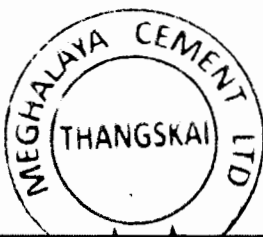
CPP AMBIENT AIR QUALITY SURVEY

Location of sampling	CPP, MCL, Thangskai			
Date of sampling	12.05.2025			
Distance between the industry and sampling Location	25.0 meters 25.0 meters 25.0 meters			
Time duration of sampling	24hrs			
Weather	Clear			
Total Rainfall, mm(On Date)	0.00 mm			
Ambient Temperature(^o C)):				
Maximum:	23.69			
Minimum:	9.32			
Relative Humidity (%):				
Maximum:	91.83			
Minimum:	48.68			
Wind direction (in Degree)	→S(174.45)			
Pollutants	Analysis results			Permissible Limits For Rural Areas (By MSPCB 24hrs Monitoring)
	Station No. & Air Quality Survey No.			
	1) Old Yard side S to E B/01/2025-26	2)Labour colonyside S to W B/02/2025-26	3)Jungle SideNtoE B/03/2025-26	
	24 hrs.	24 hrs.	24 hrs.	
Suspended Particulate Matters PM ₁₀ (µg/m ³)	39.35	28.32	36.69	100µg/m ³
Suspended ParticulateMatters PM _{2.5} (µg/m ³)	21.65	21.42	24.50	60µg/m ³

Remarks: The parameters were analyzed and found within the permissible limits of Ambient Air Quality Standards (National) as per as the EPA Notification G.S.R.826 (E) dated 16th Nov'2009.

Prepared by

(Abhigyan Gautam)



Checked & Verified by

(Ujjwal Anurag)

MEGHALAYA CEMENTS LIMITED

MONTHLY REPORT: NOISE INTENSITY

May'25

Location		<u>Noise Intensity: dB (A) Leq</u>	
		Noise Value in dB (A) Leq	Noise Level not to exceed, in dB (A) Leq
Captive Power Plant	Day	63	75
	Night	57	70
DG House	Day	68	75
	Night	53	70
Guest House	Day	69	75
	Night	51	70
Crusher	Day	70	75
	Night	48	70

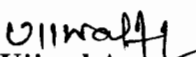
NOTE: Day Time (6:00AM to 9:00PM), Night Time (9:00PM to 6:00AM)

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Abhigyan Gautam



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Ujjwal Anurag



MEGHALAYA CEMENTS LIMITED

CIN- U26942ML2003PLC007125



To,

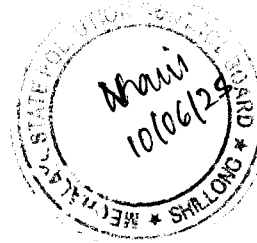
Date: 06.06.2025

The Member Secretary,
Meghalaya State Pollution Control Board,
'Arden' Lumpyngngad,
Shillong, Meghalaya.

Dear Sir,

We are herewith submitting the Process Fugitive Emission report of the month May'2025 for 2600 TPD Cement Manufacturing Plant along with 10 MW Captive Power Plant report respectively.

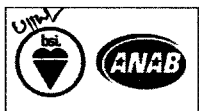
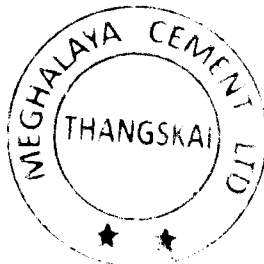
Thanking you Sir,



Yours faithfully,

For MEGHALAYA CEMENTS LIMITED

[Signature]
Authorized Signatory



ISO 9001:2015 & 14001:2015
50001:2011 Certified Company

Sales & Marketing Office :
Mega Plaza, 4th Floor, Christian Basti
G.S. Road, Guwahati - 781 005
Tel. : 0361 2345421/22/23, Fax : 0361 2345419
E-mail : guwahati@topcem.in
Web : www.topcem.in

Kolkata :
BE-77, Salt Lake City
Sector-1, Kolkata - 700 064
Tel. : 033 2334 0666 / 0004
Fax : 033 2334 0505
E-mail : kolkata@topcem.in

Registered Office :
Village: Thangskai, P.O. & P.S. Lumshnong
District : East Jaintia Hills, Meghalaya, PIN: 793210
Tel. : +91 89742 17765 / 70850 58469 / 98625 09599
E-mail : meghalaya@topcem.in



HELPLINE NO : 18001233666

MEGHALAYA CEMENTS LIMITED

PROCESS FUGITIVE EMISSION TEST RESULTS

May'25

Date of Testing	Location	Fugitive Emission Results for SPM ($\mu\text{g}/\text{m}^3$)	As per the Standard Limit ($\mu\text{g}/\text{m}^3$)
06.05.2025	Lime stone Storage Area	2138	5000
07.05.2025	Coal Storage Area	1078	2000
08.05.2025	Clinker Loading Area	1837	5000
09.05.2025	Cement Loading Area	2547	5000
12.05.2025	Coal Storage Area (CPP)	1183	2000
17.05.2024	Fly Ash Silo Area (CPP)	987	2000

Prepared by


(Abhigyan Gautam)



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(Ujjwal Anurag)



MEGHALAYA CEMENTS LIMITED

CIN- U26942ML2003PLC007125



To,

Date: 06.06.2025

The Member Secretary,
Meghalaya State Pollution Control Board,
'Arden' Lumpyngngad,
Shillong, Meghalaya.

Dear Sir,

We are herewith submitting the water consumption report of 10 MW Captive Power Plant for the month of May'2025.

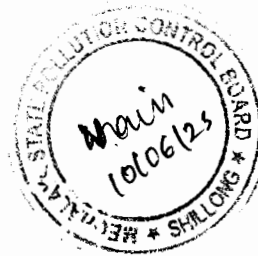
Month

Water Consumption

May'2025

10,897m³

Thanking you Sir,



Yours faithfully,

For MEGHALAYA CEMENTS LIMITED

Authorized Signatory



ISO 9001:2015 & 14001:2015
50001:2011 Certified Company

Sales & Marketing Office :
Mega Plaza, 4th Floor, Christian Basti
G.S. Road, Guwahati - 781 005
Tel. : 0361 2345421/22/23, Fax : 0361 2345419
E-mail : guwahati@topcem.in
Web : www.topcem.in

HELPLINE NO : 18001233666

Kolkata :
BE-77, Salt Lake City
Sector-1, Kolkata - 700 064
Tel. : 033 2334 0666 / 0004
Fax : 033 2334 0505
E-mail : kolkata@topcem.in

Registered Office :
Village: Thangskai, P.O. & P.S. Lumshnong
District : East Jaintia Hills, Meghalaya, PIN: 793210
Tel. : +91 89742 17765 / 70850 58469 / 98625 09599
E-mail : meghalaya@topcem.in





MEGHALAYA CEMENTS LIMITED

CIN- U26942ML2003PLC007125



To,

Date: 06.06.2025

The Member Secretary,
Meghalaya State Pollution Control Board,
'Arden' Lumpyngngad,
Shillong, Meghalaya.

Dear Sir,

We are herewith submitting the water consumption report of 2600 TPD Cement Manufacturing Plant for the month of May'2025.

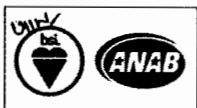
Thanking you Sir,



Yours faithfully,

For MEGHALAYA CEMENTS LIMITED

[Signature]
Authorized Signatory



ISO 9001:2015 & 14001:2015
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E-mail : meghalaya@topcem.in



HELPLINE NO : 18001233666

MEGHALAYA CEMENTS LIMITED

FORM - I

(See Rule 4)

Return: Water consumed during the month of May' 2025

Name and Address of the consumer	Purpose for which water consumed	Source Tube Well River etc.	Reading at the beginning of the first day of the calendar month under report	Reading at the end of the last day of the calendar month under report	Quantity of water consumed in Kiloliters	If the meter was out of order the monthly average consumption of water for the previous 3 month of working periods	Quantity of water qualifying for rebate according to the assesses	Remarks(*)
1	2	3	4	5	6	7	8	9
MEGHALAYA Cements Ltd. Village - Thangskai P.O - Lumshnong Pin No 793210 Jaintia Hills - MEGHALAYA	Domestic purpose	River	(a) 479873 (b) 75054 (c) 879486	(a) 481892 (b) 76277 (c) 881003	4,759	-	-	Qty. of water consumed from river water = 4,759 + 12,116 = 16,875 KL
	Industrial cooling (Cement Plant)	River	(a) 378034 (b) 426556 (c) 971501	(a) 383692 (b) 434452 (c) 979809	12,116	-	-	Qty of water circulation & returned = 6,766 + 2,980 = 9,746 KL
	Industrial cooling (WHRS)	River	-	-	4,662	-	-	Used for WHRS

For claiming the rebate under the column 7, the assesses has indicated in this column that has been analytical and the test report were annexed in this return to support the claim.

Note: (1) Initial reading of the return line flow meter at the beginning of the month = 30, 45, 783
Final reading of the return line flow meter at end of month = 30, 52, 549

(2) Initial reading of S.T.P flow meter at the beginning of the month = 2, 11, 444

Final reading of S.T.P flow meter at the end of the month = 2, 14, 424

