



*ote*  
**MEGHALAYA CEMENTS LIMITED**

CIN-U26942ML2003PLC007125



To,

Date: 09.09.2025

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

Dear Sir,

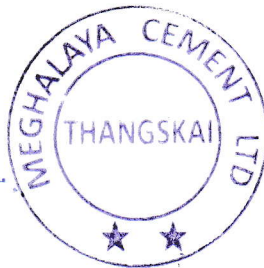
We are herewith submitting the water consumption report of **2600 TPD Cement Manufacturing Plant** for the month of **Aug'2025**.

Thanking you Sir,

Yours faithfully,

For **MEGHALAYA CEMENTS LIMITED**

*[Signature]*  
Authorized Signatory



*[Signature]*  
10/9/25

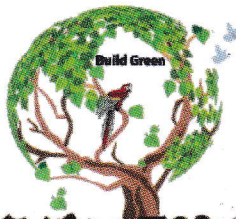


**Sales & Marketing Office :**  
Mega Plaza, 4th Floor, Christian Basti  
G.S. Road, Guwahati - 781 005  
Tel. : 0361 2345421/22/23, Fax : 0361 2345419  
E-mail : guwahati@topcem.in  
Web : www.topcem.in

**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. : 03655 278324 / 363 / 364  
Fax : 03655 278327  
E-mail : meghalaya@topcem.in

**HELPLINE NO : 18001233666**



# MEGHALAYA CEMENTS LIMITED

## FORM - I

(See Rule 4)

Return: Water consumed during the month of Aug'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)486278 (b)78620 (c)885444	(a)488144 (b)79820 (c)887433	5,055	-	-	Qty. of water consumed from river water =5,055+ 1,4027= 19,082 KL
	Industrial cooling (Cement Plant)	River	(a) 399198 (b) 459942 (c) 997249	(a)406334( b)470686 (c)1004800	1,4027	-	-	Qty of water circulation & returned = 8,093+ 3,312 = 11,404 KL
	Industrial cooling (WHRS)	River	-	-	4,734	-	-	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, 84,762

Final reading of the return line flow meter at end of month= 30, 97,785

(2) Initial reading of S.T.P flow meter at the beginning of the month = 2, 21,742

Final reading of S.T.P flow meter at the end of the month= 2, 25,054



GHC



# MEGHALAYA CEMENTS LIMITED

CIN-U26942ML2003PLC007125



To,

Date: 09.09.2025

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 Aug'2025.

Month

Aug'2025

Water Consumption

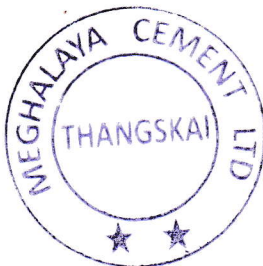
11,681m<sup>3</sup>

Thanking you Sir,

Yours faithfully,

For MEGHALAYA CEMENTS LIMITED

Authorized Signatory



10/9/25



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District : East Jaintia Hills, Meghalaya, PIN: 793210  
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E-mail : meghalaya@topcem.in



HELPLINE NO : 18001233666





MEGHALAYA CEMENTS LIMITED

CIN-U26942ML2003PLC007125



To,

Date: 09.09.2025

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

Dear Sir,

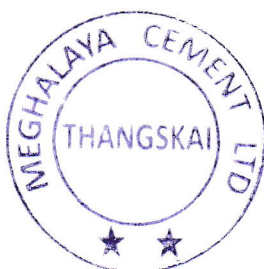
We are herewith submitting the Process Fugitive Emission report of the month Aug'2025 for 2600 TPD Cement Manufacturing Plant along with 10 MW Captive Power Plant report respectively.

Thanking you Sir,

Yours faithfully,

For MEGHALAYA CEMENTS LIMITED

Authorized Signatory

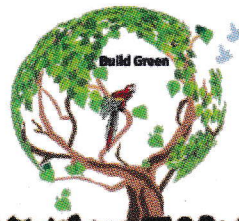


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E-mail : meghalaya@topcem.in

HELPLINE NO : 18001233666





Report No.: ENV/MCL/25-26/FE-08/01

Date : 06/09/2025

Order No.: 4700035885

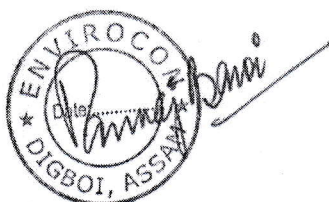
Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

**PROCESS FUGITIVE EMISSION TEST RESULTS**

Sl. No.	Locations	Date of Sampling	Results for SPM ( $\mu\text{g}/\text{m}^3$ )	Limits ( $\mu\text{g}/\text{m}^3$ )
01	Cement Loading Point	23.08.2025	3225	5000
02	Clinker Loading Point	23.08.2025	2769	5000
03	Raw Material Yard	21.08.2025	1248	2000
04	Coal Yard (CPP)	21.08.2025	986	2000

Analysis Protocol: IS 5182



Checked By: Mr. Pankaj Baroi, **ENVIROCON**

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**Core Services:** Environmental Monitoring & Data Generation, EIA & EMP, Environmental Audit & Allied Environmental Management jobs  
**Associate Services:** Certification by Competent Person (CIF), NDT, Hydraulic Testing, Chartered Engineer Services etc.

## PROCESS FUGITIVE EMISSION TEST RESULTS

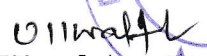
Aug'2025

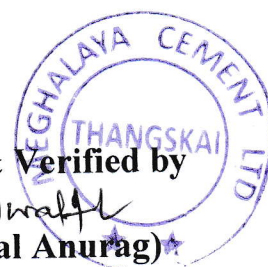
Date of Testing	Location	Fugitive Emission Results for SPM ( $\mu\text{g}/\text{m}^3$ )	As per the Standard Limit ( $\mu\text{g}/\text{m}^3$ )
18.08.2025	Lime stone Storage Area	1517	5000
19.08.2025	Coal Storage Area	781	2000
20.08.2025	Clinker Loading Area	1427	5000
21.08.2025	Cement Loading Area	1483	5000
22.08.2025	Coal Storage Area (CPP)	767	2000
25.08.2025	Fly Ash Silo Area (CPP)	974	2000

Prepared by

  
(Abhigyan Gautam)

Checked & Verified by

  
(Ujjwal Anurag)





# MEGHALAYA CEMENTS LIMITED

CIN-U26942ML2003PLC007125



To,

Date: 09.09.2025

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 **Aug'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



*Rao*  
*10/9/25*



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District : East Jaintia Hills, Meghalaya, PIN: 793210  
Tel. : 03655 278324 / 363 / 364  
Fax : 03655 278327  
E-mail : meghalaya@topcem.in



HELPLINE NO : 18001233666



Report No.: ENV/MCL/25-26/AA-08/01  
Date : 06/09/2025

Report Issued To: **MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai, P.O: Lumshnong, Meghalaya

Order No.: 4700035885  
Date : 18/08/2025

### AMBIENT AIR QUALITY TEST RESULTS

LOCATIONS ↓	Date of Sampling	PM 2.5 (µg/m³)	PM 10 (µg/m³)	SO <sub>2</sub> (µg/m³)	NO <sub>2</sub> (µg/m³)	NH <sub>3</sub> (µg/m³)	CO (mg/m³)	O <sub>3</sub> (µg/m³)	B(a)P (ng/m³)	C <sub>6</sub> H <sub>6</sub> (µg/m³)	Ni (ng/m³)	As (ng/m³)	Pb (µg/m³)
LIMITS →	--	60 (24 hrs. Average)	100 (24 hrs. Average)	80 (24 hrs. Average)	80 (24 hrs. Average)	400 (24 hrs. Average)	4.0 (1 hr. Average)	180 (1 hr. Average)	1.0 (Annual Average)	5.0 (Annual Average)	20 (Annual Average)	6.0 (Annual Average)	1.0 (24 hrs. Average)
Chiruphi Village	21.08.2025	22.3	43.8	<5.0	<6.0	<5.0	<0.01	<1.0	<0.1	<0.01	<0.01	<0.01	<0.01

Analysis Protocol: IS 5182



Checked By: Pankaj Baroi, ENVIROCON

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Report No.: ENV/MCL/25-26/AA-08/03

Date : 06/09/2025

Order No.: 4700035885

Date : 18/08/2025

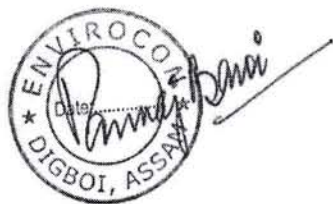
Report Issued To: **M/S. MEGHALAYA CEMENTSLIMITED**

Village: Thangskai; PO: Lumshnong, Meghalaya

**AMBIENT AIR QUALITY TEST RESULTS**

Sl. No.	LOCATION(S) ↓	Date of Sampling	PM 2.5 ( $\mu\text{g}/\text{m}^3$ )	PM 10 ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )
	LIMIT(S) →	---	60	100	80	80
01	Near CCR Building	21.08.2025	34.1	65.2	7.7	8.6
02	Near Residential Colony	21.08.2025	26.8	59.2	6.2	6.9
03	Near LS Crusher	21.08.2025	43.2	81.3	9.3	12.1

Analysis Protocol: IS 5182

Checked By: Mr. Pankaj Baroi, **ENVIROCON****NOTE:**

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Report No.: ENV/MCL/25-26/SE-08/11  
Date : 06/09/2025

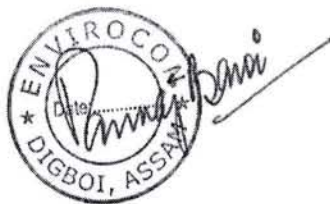
Order No.: 4700035885  
Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### STACK EMISSION TEST RESULTS

01	Test Ref. No.	MCL/2025/SE-08/11		
02	Date of Sampling	23.08.2025		
03	Material of Construction	M. S.		
04	Stack Attached To	Primary Crusher		
05	Stack Diameter (Meter)	1.19		
06	Flue Gas Temperature (°C)	28		
07	Exit Velocity of Gas (m/sec)	4.2		
08	Flow Rate (Nm³/hr)	17781		
09	Type of Fuel Used	NA*		
Analysis Results of Flue Gas				
Sl. No.	Parameter(s)	Result(s)	Unit(s)	Limit(s)
i.	Particulate Matter	19	mg/Nm³	30

\*NA: Not Applicable



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report No.: ENV/MCL/25-26/SE-08/12

Date : 06/09/2025

Order No.: 4700035885

Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### STACK EMISSION TEST RESULTS

01	Test Ref. No.	MCL/2025/SE-08/12		
02	Date of Sampling	23.08.2025		
03	Material of Construction	M. S.		
04	Stack Attached To	Secondary Crusher		
05	Stack Diameter (Meter)	1.0		
06	Flue Gas Temperature (°C)	30		
07	Exit Velocity of Gas (m/sec)	4.6		
08	Flow Rate (Nm³/hr)	12986		
09	Type of Fuel Used	NA*		
Analysis Results of Flue Gas				
Sl. No.	Parameter(s)	Result(s)	Unit(s)	Limit(s)
i.	Particulate Matter	20	mg/Nm³	30

\*NA: Not Applicable



Checked By: Mr. Pankaj Baroi, **ENVIROCON**



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**Core Services:** Environmental Monitoring & Data Generation, EIA & EMP, Environmental Audit & Allied Environmental Management jobs  
**Associate Services:** Certification by Competent Person (CIF), NDT, Hydraulic Testing, Chartered Engineer Services etc.



# ENVIROCON

*Recognised By*

**PCBA, Assam & MSCPB, Meghalaya**

Envirocon Building, I.O.C.L (AOD) New Market  
P.O.: Digboi, Dist.: Tinsukia, Assam – 786 171  
Ph: 03751-264414, 9435008657, 8876028672  
E-mail: envirocon@rediffmail.com

ISO 9001:2015 Certified  
ISO 45001:2018 Certified

Report No.: ENV/MCL/25-26/SE-08/09

Date : 06/09/2025

Order No.: 4700035885

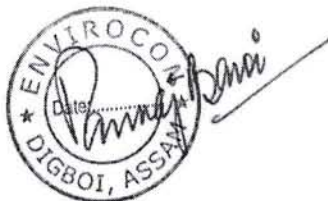
Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

## STACK EMISSION TEST RESULTS

01	Test Ref. No.	MCL/2025/SE-08/09		
02	Date of Sampling	23.08.2025		
03	Material of Construction	M. S.		
04	Stack Attached To	RABH (Kiln & Raw Mill)- 1		
05	Stack Diameter (Meter)	3.0		
06	Flue Gas Temperature (°C)	171		
07	Exit Velocity of Gas (m/sec)	15.3		
08	Flow Rate (Nm³/hr)	264682		
09	Type of Fuel Used	Kiln Coal		
Analysis Results of Flue Gas				
Sl. No.	Parameter(s)	Result(s)	Unit(s)	Limit(s)
i.	Particulate Matter	22	mg/Nm³	30
ii.	Sulphur Dioxide (as SO₂)	621	mg/Nm³	1000
iii.	Oxides of Nitrogen (as NOₓ)	303	mg/Nm³	600
iv.	Carbon Monoxide (as CO)	226	mg/Nm³	NA
v.	Carbon Dioxide (as CO₂)	6.3	%	NA
vi	Oxygen (as O₂)	13.2	%	NA

NA: Not Applicable



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Report No.: ENV/MCL/25-26/SE-08/10  
Date : 06/09/2025

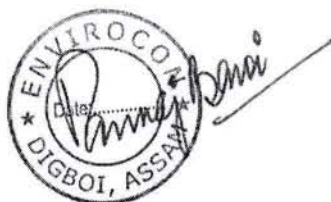
Order No.: 4700035885  
Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### STACK EMISSION TEST RESULTS

01	Test Ref. No.	MCL/2025/SE-08/10		
02	Date of Sampling	23.08.2025		
03	Material of Construction	M. S.		
04	Stack Attached To	RABH (Kiln & Raw Mill)- 2		
05	Stack Diameter (Meter)	3.0		
06	Flue Gas Temperature (°C)	173		
07	Exit Velocity of Gas (m/sec)	15.6		
08	Flow Rate (Nm³/hr)	230186		
09	Type of Fuel Used	Kiln Coal		
Analysis Results of Flue Gas				
Sl. No.	Parameter(s)	Result(s)	Unit(s)	Limit(s)
i.	Particulate Matter	20	mg/Nm³	30
ii.	Sulphur Dioxide (as SO₂)	633	mg/Nm³	1000
iii.	Oxides of Nitrogen (as NOₓ)	309	mg/Nm³	600
iv.	Carbon Monoxide (as CO)	226	mg/Nm³	NA
v.	Carbon Dioxide (as CO₂)	6.1	%	NA
vi.	Oxygen (as O₂)	13.6	%	NA

NA: Not Applicable



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Report No.: ENV/MCL/25-26/SE-08/01

Date : 06/09/2025

Order No.: 4700035885

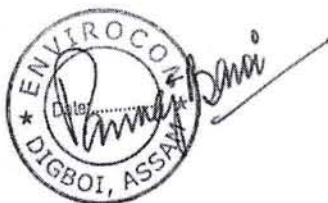
Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### STACK EMISSION TEST RESULTS

01	Test Ref. No.	MCL/2025/SE-08/01		
02	Date of Sampling	21.08.2025		
03	Material of Construction	M. S.		
04	Stack Attached To	Coal Mill – 1		
05	Stack Diameter (Meter)	1.18		
06	Flue Gas Temperature (°C)	51		
07	Exit Velocity of Gas (m/sec)	10.4		
08	Flow Rate (Nm³/hr)	37908		
09	Type of Fuel Used	NA*		
Analysis Results of Flue Gas				
Sl. No.	Parameter(s)	Result(s)	Unit(s)	Limit(s)
i.	Particulate Matter	29	mg/Nm³	30

\*NA: Not Applicable



Checked By: Mr. Pankaj Baroi, ENVIROCON



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Report No.: ENV/MCL/25-26/SE-08/02

Date : 06/09/2025

Order No.: 4700035885

Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### STACK EMISSION TEST RESULTS

01	Test Ref. No.	MCL/2025/SE-08/02		
02	Date of Sampling	21.08.2025		
03	Material of Construction	M. S.		
04	Stack Attached To	Coal Mill – 2		
05	Stack Diameter (Meter)	1.18		
06	Flue Gas Temperature (°C)	49		
07	Exit Velocity of Gas (m/sec)	9.3		
08	Flow Rate (Nm³/hr)	34725		
09	Type of Fuel Used	NA*		
Analysis Results of Flue Gas				
Sl. No.	Parameter(s)	Result(s)	Unit(s)	Limit(s)
i.	Particulate Matter	28	mg/Nm³	30

\*NA: Not Applicable



Checked By: Mr. Pankaj Baroi, ENVIROCON



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Report No.: ENV/MCL/25-26/SE-08/05

Date : 06/09/2025

Order No.: 4700035885

Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya**STACK EMISSION TEST RESULTS**

01	Test Ref. No.	MCL/2025/SE-08/05		
02	Date of Sampling	22.08.2025		
03	Material of Construction	M. S.		
04	Stack Attached To	Cooler E. S. P. – 1		
05	Stack Diameter (Meter)	2.8		
06	Flue Gas Temperature (°C)	111		
07	Exit Velocity of Gas (m/sec)	7.2		
08	Flow Rate (Nm³/hr)	129712		
09	Type of Fuel Used	NA*		
Analysis Results of Flue Gas				
Sl. No.	Parameter(s)	Result(s)	Unit(s)	Limit(s)
i.	Particulate Matter	26	mg/Nm³	30

\*NA: Not Applicable

Checked By: Mr. Pankaj Baroi, **ENVIROCON**

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Report No.: ENV/MCL/25-26/SE-08/06

Date : 06/09/2025

Order No.: 4700035885

Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### STACK EMISSION TEST RESULTS

01	Test Ref. No.	MCL/2025/SE-08/06		
02	Date of Sampling	22.08.2025		
03	Material of Construction	M. S.		
04	Stack Attached To	Cooler E. S. P. – 2		
05	Stack Diameter (Meter)	2.8		
06	Flue Gas Temperature (°C)	114		
07	Exit Velocity of Gas (m/sec)	8.1		
08	Flow Rate (Nm³/hr)	144145		
09	Type of Fuel Used	NA*		
Analysis Results of Flue Gas				
Sl. No.	Parameter(s)	Result(s)	Unit(s)	Limit(s)
i.	Particulate Matter	28	mg/Nm³	30

\*NA: Not Applicable



Checked By: Mr. Pankaj Baroi, ENVIROCON



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Report No.: ENV/MCL/25-26/SE-08/07

Date : 06/09/2025

Order No.: 4700035885

Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### STACK EMISSION TEST RESULTS

01	Test Ref. No.	MCL/2025/SE-08/07		
02	Date of Sampling	22.08.2025		
03	Material of Construction	M. S.		
04	Stack Attached To	Cement Mill No. 1		
05	Stack Diameter (Meter)	1.2		
06	Flue Gas Temperature (°C)	63		
07	Exit Velocity of Gas (m/sec)	11.6		
08	Flow Rate (Nm³/hr)	42723		
09	Type of Fuel Used	NA*		
Analysis Results of Flue Gas				
Sl. No.	Parameter(s)	Result(s)	Unit(s)	Limit(s)
i.	Particulate Matter	21	mg/Nm³	30

\*NA: Not Applicable



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report No.: ENV/MCL/25-26/SE-08/08

Date : 06/09/2025

Order No.: 4700035885

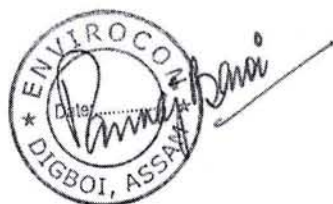
Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### STACK EMISSION TEST RESULTS

01	Test Ref. No.	MCL/2025/SE-08/08		
02	Date of Sampling	22.08.2025		
03	Material of Construction	M. S.		
04	Stack Attached To	Cement Mill No. 2		
05	Stack Diameter (Meter)	1.2		
06	Flue Gas Temperature (°C)	61		
07	Exit Velocity of Gas (m/sec)	12.6		
08	Flow Rate (Nm³/hr)	45322		
09	Type of Fuel Used	NA*		
Analysis Results of Flue Gas				
Sl. No.	Parameter(s)	Result(s)	Unit(s)	Limit(s)
i.	Particulate Matter	23	mg/Nm³	30

\*NA: Not Applicable



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report No.: ENV/MCL/25-26/SE-08/03  
Date : 06/09/2025

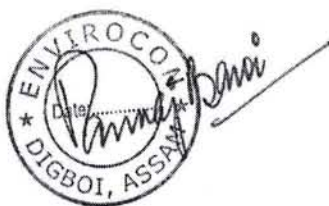
Order No.: 4700035885  
Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### STACK EMISSION TEST RESULTS

01	Test Ref. No.	MCL/2025/SE-08/03		
02	Date of Sampling	21.08.2025		
03	Material of Construction	M. S.		
04	Stack Attached To	Packing Plant No. 1		
05	Stack Diameter (Meter)	0.6		
06	Flue Gas Temperature (°C)	29		
07	Exit Velocity of Gas (m/sec)	13.4		
08	Flow Rate (Nm³/hr)	13083		
09	Type of Fuel Used	NA*		
Analysis Results of Flue Gas				
Sl. No.	Parameter(s)	Result(s)	Unit(s)	Limit(s)
i.	Particulate Matter	22	mg/Nm³	30

\*NA: Not Applicable



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report No.: ENV/MCL/25-26/SE-08/04

Date : 06/09/2025

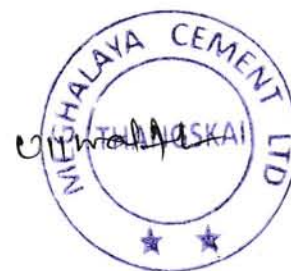
Order No.: 4700035885

Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya**STACK EMISSION TEST RESULTS**

01	Test Ref. No.	MCL/2025/SE-08/04		
02	Date of Sampling	21.08.2025		
03	Material of Construction	M. S.		
04	Stack Attached To	Packing Plant No. 2		
05	Stack Diameter (Meter)	1.0		
06	Flue Gas Temperature (°C)	31		
07	Exit Velocity of Gas (m/sec)	11.6		
08	Flow Rate (Nm³/hr)	31983		
09	Type of Fuel Used	NA*		
Analysis Results of Flue Gas				
Sl. No.	Parameter(s)	Result(s)	Unit(s)	Limit(s)
i.	Particulate Matter	22	mg/Nm³	30

\*NA: Not Applicable



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Report No.: ENV/MCL/25-26/SE-08/13

Date : 06/09/2025

Order No.: 4700035885

Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### STACK EMISSION TEST RESULTS

01	Test Ref. No.	MCL/2025/SE-08/13		
02	Date of Sampling	23.08.2025		
03	Material of Construction	Refractory Brick		
04	Stack Attached To	Captive Power Plant (CPP)		
05	Stack Diameter (Meter)	2.53		
06	Flue Gas Temperature (°C)	99		
07	Exit Velocity of Gas (m/sec)	7.1		
08	Flow Rate (Nm³/hr)	106421		
09	Type of Fuel Used	Coal		
Analysis Results of Flue Gas				
Sl. No.	Parameter(s)	Result(s)	Unit(s)	Limit(s)
i.	Particulate Matter	41	mg/Nm³	50
ii.	Sulphur Dioxide (as SO₂)	429	mg/Nm³	600
iii.	Oxides of Nitrogen (as NOₓ)	183	mg/Nm³	300
iv.	Mercury (as Hg)	0.005	mg/Nm³	0.03
v.	Carbon Monoxide (as CO)	491	mg/Nm³	NA
vi.	Carbon Dioxide (as CO₂)	9.5	%	NA
vii.	Oxygen (as O₂)	9.1	%	NA

NA: Not Applicable



Checked By: Mr. Pankaj Baroi, ENVIROCON



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Report No.: ENV/MCL/25-26/N-08/01

Date : 06/09/2025

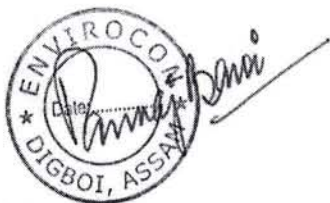
Order No.: 4700035885

Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### NOISE LEVEL MEASUREMENT RESULTS

Sl. No.	Location(s)	Date Of Measurement	Day time		Night Time	
			L <sub>eq</sub> (dB-A)	Limit (dB-A)	L <sub>eq</sub> (dB-A)	Limit (dB-A)
1	Near L/S Crusher	23.08.2025	70.3	75	68.1	70
2	Near CCR Building	23.08.2025	68.2	75	60.5	70
3	Near Residential Colony	21.08.2025	43.6	55	38.7	45
4	Chiruphi Village	21.08.2025	41.5	55	33.2	45



Checked By: Mr. Pankaj Baroi, ENVIROCON



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Report No.: ENV/MCL/25-26/WW-08/01

Date : 06/09/2025

Order No.: 4700035885

Date : 18/08/2025

Report Issued To : **M/S. MEGHALAYA CEMENTS LIMITED**

Village: Thangskai; PO: Lumshnong, Meghalaya

### WASTE WATER ANALYSIS RESULTS

Sample Ref. No.: MCL/2025/ETP-2308/01

Sample Source : ETP Outlet (MCL)

Sample Type : ETP Treated Water

Collected On : 23-08-2025

Received On : 26-08-2025

Collected By : ENVIROCON Representative

Sl. No.	Parameters	Results	Limit [G.S.R. 422(E), 19.05.1993]
1	Ph	6.74	6.5 - 9.0
2	Temperature, °C	25.2	shall not exceed 5°C above the receiving water temperature
3	Total Suspended Solids (as TSS), mg/l	21	100
4	Biochemical Oxygen Demand (as BOD), mg/l	24	30
5	Chemical Oxygen Demand (as COD), mg/l	78	250
6	Oil & Grease, mg/l	<4.0	10.0
7	Total Residual Chlorine, mg/l	<0.01	1.0
8	Ammonical Nitrogen (as N), mg/l	9.7	50
9	Total Kjeldahl Nitrogen (as NH <sub>3</sub> ), mg/l	27	100
10	Free Ammonia (as NH <sub>3</sub> ), mg/l	<0.01	5.0

Analysis Protocol: IS 3025



Checked By: Mr. Pankaj Baroi, ENVIROCON



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Report No.: ENV/MCL/25-26/WW-08/02

Date : 06/09/2025

Order No.: 4700035885

Date : 18/08/2025

Report Issued To : **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### WASTE WATER ANALYSIS RESULTS

Sample Ref. No. : MCL/2025/STP-2308/01

Sample Source : STP Outlet (MCL)

Sample Type : STP Treated Water

Collected On : 23-08-2025

Received On : 26-08-2025

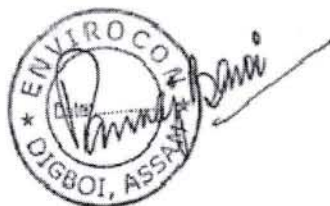
Collected By : ENVIROCON Representative

Sl. No.	Parameters	Results	Limit [G.S.R. 1265 (E), 2017]
1	Ph	7.17	6.5 – 9.0
2	Total Suspended Solids (as TSS), mg/l	27	<100
3	Fecal Coliform (as FC), MPN/100 ml	636	<1000
4	Biochemical Oxygen Demand (as BOD), mg/l	23	30
5	Chemical Oxygen Demand (as COD), mg/l	86	250*
6	Oil & Grease, mg/l	<4.0	10.0*
7	Total Residual Chlorine, mg/l	0.05	1.0*
8	Ammonical Nitrogen (as N), mg/l	6.8	50*
9	Total Kjeldahl Nitrogen (as NH <sub>3</sub> ), mg/l	17	100*
10	Free Ammonia (as NH <sub>3</sub> ), mg/l	<0.01	5.0*

Analysis Protocol: IS 3025

MPN: Most Probable Number

\*Limit as per G.S.R. 422(E), 19.05.1993



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report No.: ENV/MCL/25-26/DW-08/01  
Date : 06/09/2025

Order No.: 4700035885  
Date : 18/08/2025

Report Issued To : **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### DRINKING WATER ANALYSIS RESULTS

Sample Ref. No. : MCL/2025/DW-2308/01  
Collected On : 23-08-2025

Sample Source : Residential Colony  
Received On : 26-08-2025

Sample Type : Drinking Water  
Collected By : Envirocon Representative

Sl. No.	Parameters	Results	Acceptable Limit*	Permissible Limit* in the Absence of Alternate Source
1.	Colour, Hazen Units, Max	2	5	15
2.	Odour	Odourless	Agreeable	Agreeable
3.	Taste	Acceptable	Agreeable	Agreeable
4.	Turbidity, NTU, Max	0.07	1	5
5.	pH	6.82	6.5 – 8.5	No Relaxation
6.	Total Dissolved Solids, mg/l, Max	68	500	2000
7.	Aluminium (as Al), mg/l, Max.	<0.001	0.03	0.2
8.	Boron (as B), mg/l, Max.	<0.001	0.5	1.0
9.	Calcium (as Ca), mg/l, Max	5	75	200
10.	Chloride (as Cl), mg/l, Max	6.2	250	1000
11.	Copper (as Cu), mg/l, Max	<0.001	0.05	1.5
12.	Fluorides (as F), mg/l, Max	<0.1	1.0	1.5
13.	Free Residual Chlorine, mg/l, Min	<0.01	0.2	1
14.	Iron (as Fe), mg/l, Max	0.024	0.3	No Relaxation
15.	Magnesium (as Mg), mg/l, Max	2	30	100
16.	Manganese (as Mn), mg/l, Max	<0.001	0.1	0.3
17.	Zinc (as Zn), mg/l, Max	<0.01	5.0	15
18.	Nitrate (as NO <sub>3</sub> ), mg/l, Max	<0.01	45	No Relaxation
19.	Sulfate (as SO <sub>4</sub> ), mg/l, Max	<1.0	200	400
20.	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH), mg/l, Max.	<0.001	0.001	0.002
				--Continued--

\*Limits as per IS 10500:2012

Analysis Protocol: IS 3025



Checked By: Mr. Pankaj Baroi, ENVIROCON



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Report No.: ENV/MCL/25-26/DW-08/01

Date : 06/09/2025

Order No.: 4700035885

Date : 18/08/2025

Report Issued To : **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### **DRINKING WATER ANALYSIS RESULTS**

Sample Ref. No. : MCL/2025/DW-2308/01

Sample Source : Residential Colony

Sample Type : Drinking Water

Collected On : 23-08-2025

Received On : 26-08-2025

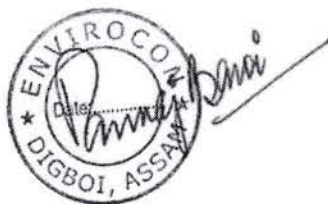
Collected By : Envirocon Representative

Sl. No.	Parameters	Results	Acceptable Limit*	Permissible Limit* in the Absence of Alternate Source
21.	Total Alkalinity (as CaCO <sub>3</sub> ), mg/l, Max	46	200	600
22.	Total Hardness, (as CaCO <sub>3</sub> ), mg/l, Max	16	200	600
23.	Cadmium (as Cd), mg/l, Max.	<0.001	0.003	No Relaxation
24.	Cyanide (as CN), mg/l, Max.	<0.001	0.05	No Relaxation
25.	Lead (as Pb), mg/l, Max.	<0.001	0.01	No Relaxation
26.	Mercury (as Hg), mg/l, Max.	<0.001	0.001	No Relaxation
27.	Selenium (as Se), mg/l, Max.	<0.001	0.01	No Relaxation
28.	Total Chromium, (as Cr), mg/l, Max	<0.001	0.05	No Relaxation
29.	Anionic Detergents (as MBAS), mg/l	<0.001	0.2	1.0
30.	Total Arsenic (as As), mg/l, Max	<0.001	0.01	0.05
31.	Molybdenum (as Mo), mg/l, Max	<0.001	0.07	No Relaxation
32.	Faecal Coliforms/ 100 ml	Absent	Absent	Absent
33.	E. Coli / 100 ml	Absent	Absent	Absent
				--End of Report--

\*Limits as per IS 10500:2012

Analysis Protocol: IS 3025

**Remarks:** Drinking water from the above source is fit for drinking.



Checked By: Mr. Pankaj Baroi, **ENVIROCON**

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Report No.: ENV/MCL/25-26/DW-08/02  
Date : 06/09/2025

Order No.: 4700035885  
Date : 18/08/2025

Report Issued To : **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### DRINKING WATER ANALYSIS RESULTS

Sample Ref. No. : MCL/2025/DW-2308/02  
Collected On : 23-08-2025

Sample Source : Admin Building RO Outlet  
Received On : 26-08-2025

Sample Type : Drinking Water  
Collected By : Envirocon Representative

Sl. No.	Parameters	Results	Acceptable Limit*	Permissible Limit* in the Absence of Alternate Source
1.	Colour, Hazen Units, Max	1	5	15
2.	Odour	Odourless	Agreeable	Agreeable
3.	Taste	Acceptable	Agreeable	Agreeable
4.	Turbidity, NTU, Max	<0.01	1	5
5.	pH	6.82	6.5 – 8.5	No Relaxation
6.	Total Dissolved Solids, mg/l, Max	46	500	2000
7.	Aluminium (as Al), mg/l, Max.	<0.001	0.03	0.2
8.	Boron (as B), mg/l, Max.	<0.001	0.5	1.0
9.	Calcium (as Ca), mg/l, Max	4	75	200
10.	Chloride (as Cl), mg/l, Max	5.3	250	1000
11.	Copper (as Cu), mg/l, Max	<0.001	0.05	1.5
12.	Fluorides (as F), mg/l, Max	<0.1	1.0	1.5
13.	Free Residual Chlorine, mg/l, Min	<0.01	0.2	1
14.	Iron (as Fe), mg/l, Max	<0.001	0.3	No Relaxation
15.	Magnesium (as Mg), mg/l, Max	<1.0	30	100
16.	Manganese (as Mn), mg/l, Max	<0.001	0.1	0.3
17.	Zinc (as Zn), mg/l, Max	<0.01	5.0	15
18.	Nitrate (as NO <sub>3</sub> ), mg/l, Max	<0.01	45	No Relaxation
19.	Sulfate (as SO <sub>4</sub> ), mg/l, Max	<1.0	200	400
20.	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH), mg/l, Max.	<0.001	0.001	0.002
				--Continued--

\*Limits as per IS 10500:2012

Analysis Protocol: IS 3025



Checked By: Mr. Pankaj Baroi, ENVIROCON



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Report No.: ENV/MCL/25-26/DW-08/02

Date : 06/09/2025

Order No.: 4700035885

Date : 18/08/2025

Report Issued To : **M/S. MEGHALAYA CEMENTS LIMITED**

Village: Thangskai; PO: Lumshnong, Meghalaya

### DRINKING WATER ANALYSIS RESULTS

Sample Ref. No. : MCL/2025/DW-2308/02

Sample Source : Admin Building RO Outlet

Sample Type : Drinking Water

Collected On : 23-08-2025

Received On : 26-08-2025

Collected By : Envirocon Representative

Sl. No.	Parameters	Results	Acceptable Limit*	Permissible Limit* in the Absence of Alternate Source
21.	Total Alkalinity(as CaCO <sub>3</sub> ) , mg/l, Max	36	200	600
22.	Total Hardness, (as CaCO <sub>3</sub> ), mg/l, Max	7.2	200	600
23.	Cadmium (as Cd), mg/l, Max.	<0.001	0.003	No Relaxation
24.	Cyanide (as CN), mg/l, Max.	<0.001	0.05	No Relaxation
25.	Lead (as Pb), mg/l, Max.	<0.001	0.01	No Relaxation
26.	Mercury (as Hg), mg/l, Max.	<0.001	0.001	No Relaxation
27.	Selenium (as Se), mg/l, Max.	<0.001	0.01	No Relaxation
28.	Total Chromium, (as Cr), mg/l, Max	<0.001	0.05	No Relaxation
29.	Anionic Detergents (as MBAS), mg/l	<0.001	0.2	1.0
30.	Total Arsenic (as As), mg/l, Max	<0.001	0.01	0.05
31.	Molybdenum (as Mo), mg/l, Max	<0.001	0.07	No Relaxation
32.	Faecal Coliforms/ 100 ml	Absent	Absent	Absent
33.	E. Coli / 100 ml	Absent	Absent	Absent
				--End of Report--

\*Limits as per IS 10500:2012

Analysis Protocol: IS 3025

**Remarks:** Drinking water from the above source is fit for drinking.



Checked By: Mr. Pankaj Baroi, ENVIROCON

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o/c



# MEGHALAYA CEMENTS LIMITED

CIN-U26942ML2003PLC007125



To,

Date: 09.09.2025

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 **Aug'2025** for Limestone mining for an area of 31.05 Ha, at South Khliehji.

Thanking you Sir,

Yours faithfully,

For **MEGHALAYA CEMENTS LIMITED**

*Neel...*  
Authorized Signatory



*10/9/25*



**Sales & Marketing Office :**  
Mega Plaza, 4th Floor, Christian Basti  
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Tel. : 0361 2345421/22/23, Fax : 0361 2345419  
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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. : 03655 278324 / 363 / 364  
Fax : 03655 278327  
E-mail : meghalaya@topcem.in



HELPLINE NO : 18001233666

Order No.: 4700035885  
Date : 18/08/2025

Report No.: ENV/MCL/25-26/AA-08/01  
Date : 06/09/2025

Report Issued To: **MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai, P.O: Lumshnong, Meghalaya

### AMBIENT AIR QUALITY TEST RESULTS

LOCATIONS	↓	Date of Sampling	PM 2.5 (µg/m³)	PM 10 (µg/m³)	SO <sub>2</sub> (µg/m³)	NO <sub>2</sub> (µg/m³)	NH <sub>3</sub> (µg/m³)	CO (mg/m³)	O <sub>3</sub> (µg/m³)	B(a)P (ng/m³)	C <sub>6</sub> H <sub>6</sub> (µg/m³)	Ni (ng/m³)	As (ng/m³)	Pb (µg/m³)
LIMITS	→	--	60 (24 hrs. Average)	100 (24 hrs. Average)	80 (24 hrs. Average)	80 (24 hrs. Average)	400 (24 hrs. Average)	4.0 (1 hr. Average)	180 (1 hr. Average)	1.0 (Annual Average)	5.0 (Annual Average)	20 (Annual Average)	6.0 (Annual Average)	1.0 (24 hrs. Average)
Chiruphi Village		21.08.2025	22.3	43.8	<5.0	<6.0	<5.0	<0.01	<1.0	<0.1	<0.01	<0.01	<0.01	<0.01

Analysis Protocol: IS 5182



Checked By: Pankaj Baroi, ENVIROCON

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Report No.: ENV/MCL/25-26/AA-08/02  
Date : 06/09/2025

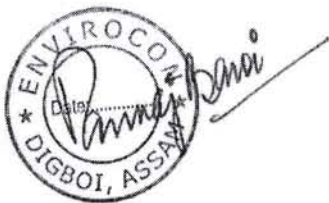
Order No.: 4700035885  
Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTSLIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

**AMBIENT AIR QUALITY TEST RESULTS**

Sl. No.	LOCATION(S) ↓	Date of Sampling	PM 2.5 ( $\mu\text{g}/\text{m}^3$ )	PM 10 ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )
	LIMIT(S) →					
		---	60	100	80	80
01	Near Soil Dump	22.08.2025	31.3	65.8	6.7	9.3
02	Near Haul Road	22.08.2025	35.6	71.3	9.5	13.2
03	Near Lease Boundary	22.08.2025	33.5	69.2	6.4	7.2

Analysis Protocol: IS 5182



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report No.: ENV/MCL/25-26/N-08/02

Date : 06/09/2025

Order No.: 4700035885

Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### NOISE LEVEL MEASUREMENT RESULTS

Sl. No.	Location(s)	Date Of Measurement	Day time		Night Time	
			Leq (dB-A)	Limit (dB-A)	Leq (dB-A)	Limit (dB-A)
1	Mines Haul Road	21.08.2025	64.1	75	55.9	70
2	Near Soil Dump	21.08.2025	56.9	75	51.6	70
3	Near Lease Boundary	21.08.2025	61.6	75	53.8	70



Checked By: Mr. Pankaj Baroi, **ENVIROCON**

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Report No.: ENV/MCL/25-26/WW-08/01

Date : 06/09/2025

Order No.: 4700035885

Date : 18/08/2025

Report Issued To: **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### WASTE WATER ANALYSIS RESULTS

Sample Ref. No.: MCL/2025/ETP-2308/01

Sample Source : ETP Outlet (MCL)

Sample Type : ETP Treated Water

Collected On : 23-08-2025

Received On : 26-08-2025

Collected By : ENVIROCON Representative

Sl. No.	Parameters	Results	Limit [G.S.R. 422(E), 19.05.1993]
1	Ph	6.74	6.5 – 9.0
2	Temperature, °C	25.2	shall not exceed 5°C above the receiving water temperature
3	Total Suspended Solids (as TSS), mg/l	21	100
4	Biochemical Oxygen Demand (as BOD), mg/l	24	30
5	Chemical Oxygen Demand (as COD), mg/l	78	250
6	Oil & Grease, mg/l	<4.0	10.0
7	Total Residual Chlorine, mg/l	<0.01	1.0
8	Ammonical Nitrogen (as N), mg/l	9.7	50
9	Total Kjeldahl Nitrogen (as NH <sub>3</sub> ), mg/l	27	100
10	Free Ammonia (as NH <sub>3</sub> ), mg/l	<0.01	5.0

Analysis Protocol: IS 3025



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report No.: ENV/MCL/25-26/DW-08/01  
Date : 06/09/2025

Order No.: 4700035885  
Date : 18/08/2025

Report Issued To : **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### DRINKING WATER ANALYSIS RESULTS

Sample Ref. No. : MCL/2025/DW-2308/01  
Collected On : 23-08-2025

Sample Source : Residential Colony  
Received On : 26-08-2025

Sample Type : Drinking Water  
Collected By : Envirocon Representative

Sl. No.	Parameters	Results	Acceptable Limit*	Permissible Limit* in the Absence of Alternate Source
1.	Colour, Hazen Units, Max	2	5	15
2.	Odour	Odourless	Agreeable	Agreeable
3.	Taste	Acceptable	Agreeable	Agreeable
4.	Turbidity, NTU, Max	0.07	1	5
5.	pH	6.82	6.5 – 8.5	No Relaxation
6.	Total Dissolved Solids, mg/l, Max	68	500	2000
7.	Aluminium (as Al), mg/l, Max.	<0.001	0.03	0.2
8.	Boron (as B), mg/l, Max.	<0.001	0.5	1.0
9.	Calcium (as Ca), mg/l, Max	5	75	200
10.	Chloride (as Cl), mg/l, Max	6.2	250	1000
11.	Copper (as Cu), mg/l, Max	<0.001	0.05	1.5
12.	Fluorides (as F), mg/l, Max	<0.1	1.0	1.5
13.	Free Residual Chlorine, mg/l, Min	<0.01	0.2	1
14.	Iron (as Fe), mg/l, Max	0.024	0.3	No Relaxation
15.	Magnesium (as Mg), mg/l, Max	2	30	100
16.	Manganese (as Mn), mg/l, Max	<0.001	0.1	0.3
17.	Zinc (as Zn), mg/l, Max	<0.01	5.0	15
18.	Nitrate (as NO <sub>3</sub> ), mg/l, Max	<0.01	45	No Relaxation
19.	Sulfate (as SO <sub>4</sub> ), mg/l, Max	<1.0	200	400
20.	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH), mg/l, Max.	<0.001	0.001	0.002
				--Continued--

\*Limits as per IS 10500:2012

Analysis Protocol: IS 3025



Checked By: Mr. Pankaj Baroi, ENVIROCON



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Report No.: ENV/MCL/25-26/DW-08/01  
Date : 06/09/2025

Order No.: 4700035885  
Date : 18/08/2025

Report Issued To : **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### DRINKING WATER ANALYSIS RESULTS

Sample Ref. No. : MCL/2025/DW-2308/01  
Collected On : 23-08-2025

Sample Source : Residential Colony  
Received On : 26-08-2025

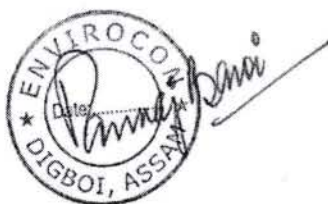
Sample Type : Drinking Water  
Collected By : Envirocon Representative

Sl. No.	Parameters	Results	Acceptable Limit*	Permissible Limit* in the Absence of Alternate Source
21.	Total Alkalinity(as CaCO <sub>3</sub> ) , mg/l, Max	46	200	600
22.	Total Hardness, (as CaCO <sub>3</sub> ), mg/l, Max	16	200	600
23.	Cadmium (as Cd), mg/l, Max.	<0.001	0.003	No Relaxation
24.	Cyanide (as CN), mg/l, Max.	<0.001	0.05	No Relaxation
25.	Lead (as Pb), mg/l, Max.	<0.001	0.01	No Relaxation
26.	Mercury (as Hg), mg/l, Max.	<0.001	0.001	No Relaxation
27.	Selenium (as Se), mg/l, Max.	<0.001	0.01	No Relaxation
28.	Total Chromium, (as Cr), mg/l, Max	<0.001	0.05	No Relaxation
29.	Anionic Detergents (as MBAS), mg/l	<0.001	0.2	1.0
30.	Total Arsenic (as As), mg/l, Max	<0.001	0.01	0.05
31.	Molybdenum (as Mo), mg/l, Max	<0.001	0.07	No Relaxation
32.	Faecal Coliforms/ 100 ml	Absent	Absent	Absent
33.	E. Coli / 100 ml	Absent	Absent	Absent
				--End of Report--

\*Limits as per IS 10500:2012

Analysis Protocol: IS 3025

**Remarks:** Drinking water from the above source is fit for drinking.



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report No.: ENV/MCL/25-26/DW-08/02  
Date : 06/09/2025

Order No.: 4700035885  
Date : 18/08/2025

Report Issued To : **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### DRINKING WATER ANALYSIS RESULTS

Sample Ref. No. : MCL/2025/DW-2308/02  
Collected On : 23-08-2025

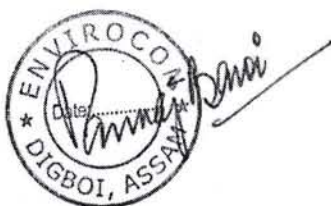
Sample Source : Admin Building RO Outlet  
Received On : 26-08-2025

Sample Type : Drinking Water  
Collected By : Envirocon Representative

Sl. No.	Parameters	Results	Acceptable Limit*	Permissible Limit* in the Absence of Alternate Source
1.	Colour, Hazen Units, Max	1	5	15
2.	Odour	Odourless	Agreeable	Agreeable
3.	Taste	Acceptable	Agreeable	Agreeable
4.	Turbidity, NTU, Max	<0.01	1	5
5.	pH	6.82	6.5 – 8.5	No Relaxation
6.	Total Dissolved Solids, mg/l, Max	46	500	2000
7.	Aluminium (as Al), mg/l, Max.	<0.001	0.03	0.2
8.	Boron (as B), mg/l, Max.	<0.001	0.5	1.0
9.	Calcium (as Ca), mg/l, Max	4	75	200
10.	Chloride (as Cl), mg/l, Max	5.3	250	1000
11.	Copper (as Cu), mg/l, Max	<0.001	0.05	1.5
12.	Fluorides (as F), mg/l, Max	<0.1	1.0	1.5
13.	Free Residual Chlorine, mg/l, Min	<0.01	0.2	1
14.	Iron (as Fe), mg/l, Max	<0.001	0.3	No Relaxation
15.	Magnesium (as Mg), mg/l, Max	<1.0	30	100
16.	Manganese (as Mn), mg/l, Max	<0.001	0.1	0.3
17.	Zinc (as Zn), mg/l, Max	<0.01	5.0	15
18.	Nitrate (as NO <sub>3</sub> ), mg/l, Max	<0.01	45	No Relaxation
19.	Sulfate (as SO <sub>4</sub> ), mg/l, Max	<1.0	200	400
20.	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH), mg/l, Max.	<0.001	0.001	0.002
				--Continued--

\*Limits as per IS 10500:2012

Analysis Protocol: IS 3025



Checked By: Mr. Pankaj Baroi, ENVIROCON

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Report No.: ENV/MCL/25-26/DW-08/02  
Date : 06/09/2025

Order No.: 4700035885  
Date : 18/08/2025

Report Issued To : **M/S. MEGHALAYA CEMENTS LIMITED**  
Village: Thangskai; PO: Lumshnong, Meghalaya

### **DRINKING WATER ANALYSIS RESULTS**

Sample Ref. No. : MCL/2025/DW-2308/02  
Collected On : 23-08-2025

Sample Source : Admin Building RO Outlet  
Received On : 26-08-2025

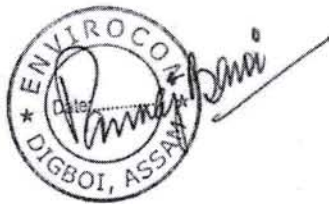
Sample Type : Drinking Water  
Collected By : Envirocon Representative

Sl. No.	Parameters	Results	Acceptable Limit*	Permissible Limit* in the Absence of Alternate Source
21.	Total Alkalinity(as CaCO <sub>3</sub> ) , mg/l, Max	36	200	600
22.	Total Hardness, (as CaCO <sub>3</sub> ), mg/l, Max	7.2	200	600
23.	Cadmium (as Cd), mg/l, Max.	<0.001	0.003	No Relaxation
24.	Cyanide (as CN), mg/l, Max.	<0.001	0.05	No Relaxation
25.	Lead (as Pb), mg/l, Max.	<0.001	0.01	No Relaxation
26.	Mercury (as Hg), mg/l, Max.	<0.001	0.001	No Relaxation
27.	Selenium (as Se), mg/l, Max.	<0.001	0.01	No Relaxation
28.	Total Chromium, (as Cr), mg/l, Max	<0.001	0.05	No Relaxation
29.	Anionic Detergents (as MBAS), mg/l	<0.001	0.2	1.0
30.	Total Arsenic (as As), mg/l, Max	<0.001	0.01	0.05
31.	Molybdenum (as Mo), mg/l, Max	<0.001	0.07	No Relaxation
32.	Faecal Coliforms/ 100 ml	Absent	Absent	Absent
33.	E. Coli / 100 ml	Absent	Absent	Absent
				--End of Report--

\*Limits as per IS 10500:2012

Analysis Protocol: IS 3025

**Remarks:** Drinking water from the above source is fit for drinking.



Checked By: Mr. Pankaj Baroi, ENVIROCON

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