

# MEGHALAYA CEMENTS LIMITED

CIN: U26942ML2003PLC007125

## MARCH – 2021

### STACK EMISSION MONITORING RESULTS (Average Values)

| Sl.No. | Stack Attached To | Particulate Matter(mg/Nm <sup>3</sup> ) | SO <sub>2</sub> (mg/Nm <sup>3</sup> ) | NO <sub>2</sub> (mg/Nm <sup>3</sup> ) |
|--------|-------------------|-----------------------------------------|---------------------------------------|---------------------------------------|
| 1      | Primary Crusher   | 18.92                                   | -                                     | -                                     |
| 2      | Secondary crusher | 14.51                                   | -                                     | -                                     |
| 3      | Coal Mill 1       | 15.63                                   | -                                     | -                                     |
| 4      | Coal Mill 2       | 14.75                                   | -                                     | -                                     |
| 5      | RABH 1            | 15.81                                   | 596.25                                | 214.63                                |
| 6      | RABH 2            | 14.49                                   | 621.37                                | 219.64                                |
| 7      | ESP 1             | 21.75                                   | -                                     | -                                     |
| 8      | ESP 2             | 28.61                                   | -                                     | -                                     |
| 9      | Packing House - 1 | 16.70                                   | -                                     | -                                     |
| 10     | Packing House - 2 | 09.23                                   | -                                     | -                                     |
| 11     | Cement Mill - 1   | 18.76                                   | -                                     | -                                     |
| 12     | Cement Mill - 2   | 19.74                                   | -                                     | -                                     |
| 13     | CPP               | 24.94                                   | 411.39                                | 207.72                                |

### AMBIENT AIR QUALITY MONITORING RESULTS (Average Values)

| <div>Stations<br/>↓<br/>Parameters<br/>→</div> | Respirable Suspended Particulate Matter (µg/m <sup>3</sup> ) |                   | Gaseous Emission (µg/m <sup>3</sup> ) |                 |
|------------------------------------------------|--------------------------------------------------------------|-------------------|---------------------------------------|-----------------|
|                                                | PM <sub>10</sub>                                             | PM <sub>2.5</sub> | SO <sub>2</sub>                       | NO <sub>2</sub> |
| Station # 1 (Near DG Set Area)                 | 47.61                                                        | 24.74             | 11.28                                 | 07.62           |
| Station # 2 (Near Guest house)                 | 41.26                                                        | 29.36             | 13.59                                 | 06.09           |
| Station # 3 (Near Stone Crusher Area)          | 53.68                                                        | 37.11             | 11.05                                 | 08.24           |
| Station # 4 (Near CCR Building)                | 54.87                                                        | 36.13             | 09.17                                 | 06.37           |



# MEGHALAYA CEMENTS LIMITED

CIN- U26942ML2003PLC007125



To,

Date: 02.04.2021

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 for the month of **March'2021** for **2600 TPD Cement Manufacturing Plant** along with **10 MW Captive Power Plant** report respectively.

Thanking you Sir,

Yours faithfully,

For **MEGHALAYA CEMENTS LIMITED**

  
R.K. Pareek  
(President)



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

## AMBIENT AIR QUALITY SURVEY

|                                                                        |                                        |                                                              |                                                  |                                      |                                                                |
|------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------|--------------------------------------------------|--------------------------------------|----------------------------------------------------------------|
| Location of sampling                                                   |                                        | MCL, Thangskai                                               |                                                  |                                      |                                                                |
| Date of sampling                                                       |                                        | 01.03.2021 & 02.03.2021                                      |                                                  |                                      |                                                                |
| Distance between the industry and sampling Location                    |                                        | 100.0 meters<br>20.00 meters<br>25.00 meters<br>10.00 meters |                                                  |                                      |                                                                |
| Time duration of sampling                                              |                                        | 48 hrs                                                       |                                                  |                                      |                                                                |
| Weather                                                                |                                        | Clear                                                        |                                                  |                                      |                                                                |
| Total Rainfall, mm(On Date)                                            |                                        | 00.00 mm                                                     |                                                  |                                      |                                                                |
| Ambient Temperature( <sup>0</sup> C)):                                 |                                        |                                                              |                                                  |                                      |                                                                |
| Maximum:                                                               |                                        | 32.07                                                        |                                                  |                                      |                                                                |
| Minimum:                                                               |                                        | 19.74                                                        |                                                  |                                      |                                                                |
| Relative Humidity (%):                                                 |                                        |                                                              |                                                  |                                      |                                                                |
| Maximum:                                                               |                                        | 93.68                                                        |                                                  |                                      |                                                                |
| Minimum:                                                               |                                        | 48.67                                                        |                                                  |                                      |                                                                |
| Wind direction                                                         |                                        | → SE (139.65)                                                |                                                  |                                      |                                                                |
| Pollutants                                                             | Analysis results                       |                                                              |                                                  |                                      | Permissible Limits For Rural Areas (By MSPCB 24hrs Monitoring) |
|                                                                        | Station No. & Air Quality Survey No.   |                                                              |                                                  |                                      |                                                                |
|                                                                        | 1)Opposite Guest house<br>A/45/2020-21 | 2)Near L/S Crusher<br>A/46/2020-21                           | 3)Near Substation (DW Direction)<br>A/47/2020-21 | 4) Near CCR Building<br>A/48/2020-21 |                                                                |
|                                                                        | 24 hrs.                                | 24 hrs.                                                      | 24 hrs.                                          | 24 hrs.                              |                                                                |
|                                                                        |                                        |                                                              |                                                  |                                      |                                                                |
| Suspended Particulate Matters<br>PM <sub>10</sub> (µg/m <sup>3</sup> ) | 41.26                                  | 53.68                                                        | 47.61                                            | 54.87                                | 100µg/m <sup>3</sup>                                           |
| Suspended Particulate Matters PM <sub>2.5</sub> (µg/m <sup>3</sup> )   | 29.36                                  | 37.11                                                        | 24.74                                            | 36.13                                | 60µg/m <sup>3</sup>                                            |

**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 16<sup>th</sup> Nov'2009.

**Prepared by**

*(Arti Singh)*

**Checked & Verified by**

*(Ujjwal Anurag)*



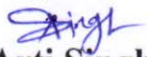
# MEGHALAYA CEMENTS LIMITED

## CPP AMBIENT AIR QUALITY SURVEY

|                                                                         |                                           |                                                |                                         |                                                                |
|-------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------|-----------------------------------------|----------------------------------------------------------------|
| Location of sampling                                                    |                                           | CPP, MCL, Thangskai                            |                                         |                                                                |
| Date of sampling                                                        |                                           | 09.03.2021                                     |                                         |                                                                |
| Distance between the industry and sampling Location                     |                                           | 25.0 meters<br>25.0 meters<br>25.0 meters      |                                         |                                                                |
| Time duration of sampling                                               |                                           | 24 hrs                                         |                                         |                                                                |
| Weather                                                                 |                                           | Clear                                          |                                         |                                                                |
| Total Rainfall, mm(On Date)                                             |                                           | 0.00 mm                                        |                                         |                                                                |
| Ambient Temperature( <sup>0</sup> C):                                   |                                           |                                                |                                         |                                                                |
| Maximum:                                                                |                                           | 31.99                                          |                                         |                                                                |
| Minimum:                                                                |                                           | 15.29                                          |                                         |                                                                |
| Relative Humidity (%):                                                  |                                           |                                                |                                         |                                                                |
| Maximum:                                                                |                                           | 87.62                                          |                                         |                                                                |
| Minimum:                                                                |                                           | 51.42                                          |                                         |                                                                |
| Wind direction                                                          |                                           | →SE (114.67)                                   |                                         |                                                                |
| Pollutants                                                              | Analysis results                          |                                                |                                         | Permissible Limits For Rural Areas (By MSPCB 24hrs Monitoring) |
|                                                                         | Station No. & Air Quality Survey No.      |                                                |                                         |                                                                |
|                                                                         | 1)Old Yard side<br>S to E<br>B/34/2020-21 | 2)Labour colony side<br>S to W<br>B/35/2020-21 | 3)JUNGLE Side<br>N to E<br>B/36/2020-21 |                                                                |
|                                                                         | 24 hrs.                                   | 24 hrs.                                        | 24 hrs.                                 |                                                                |
| Suspended Particulate Matters<br>PM <sub>10</sub> (µg/m <sup>3</sup> )  | 69.04                                     | 58.37                                          | 54.60                                   | 100µg/m <sup>3</sup>                                           |
| Suspended Particulate Matters<br>PM <sub>2.5</sub> (µg/m <sup>3</sup> ) | 42.68                                     | 40.69                                          | 45.14                                   | 60µg/m <sup>3</sup>                                            |

**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 16<sup>th</sup> Nov'2009.

Prepared by

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)

# MEGHALAYA CEMENTS LIMITED

## STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai

Date of Sampling : 09.03.2021

Type of Stack : Coal Mill-1

Laboratory reference No : S/144/2020-21

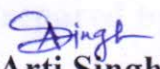
### Parameters:

1) Particulate Matter (PM): mg/Nm<sup>3</sup>

15.63 mg/Nm<sup>3</sup>

**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 10<sup>th</sup> May'2016.

Prepared by

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)



# MEGHALAYA CEMENTS LIMITED

## STACK ANALYSIS REPORT

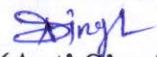
Name of sampling Location : MCL, Thangskai  
Date of Sampling : 08.03.2021  
Type of Stack : Coal Mill-2  
Laboratory reference No : S/145/2020-21

### Parameters:

1) Particulate Matter (PM):  $\text{mg/Nm}^3$   
14.75  $\text{mg/Nm}^3$

**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 10<sup>th</sup> May'2016.

Prepared by

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)

# MEGHALAYA CEMENTS LIMITED

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## STACK ANALYSIS REPORT

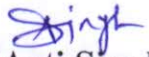
Name of sampling Location : MCL, Thangskai  
Date of Sampling : 16.03.2021  
Type of Stack : Packing Plant-1  
Laboratory reference No : S/146/2020-21

### Parameters:

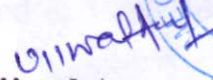
1) Particulate Matter (PM):  $\text{mg/Nm}^3$   
16.70  $\text{mg/Nm}^3$

**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 10<sup>th</sup> May'2016.

Prepared by

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)

# MEGHALAYA CEMENTS LIMITED

## STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai  
Date of Sampling : 16.03.2021  
Type of Stack : Packing Plant-2  
Laboratory reference No : S/147/2020-21

### Parameters:

1) Particulate Matter (PM):  $\text{mg/Nm}^3$   
- 09.23  $\text{mg/Nm}^3$

**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 10<sup>th</sup> May'2016.

Prepared by

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)



# MEGHALAYA CEMENTS LIMITED

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## STACK ANALYSIS REPORT

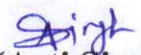
Name of sampling Location : MCL, Thangskai  
Date of Sampling : 05.03.2021  
Type of Stack : Cement Mill No-1  
Laboratory reference No : S/148/2020-21

### Parameters:

1) Particulate Matter (PM): 18.76 mg/Nm<sup>3</sup>

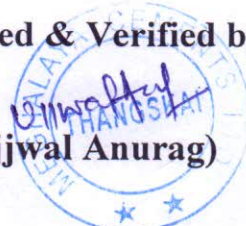
**Remarks:** The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10<sup>th</sup> May'2016.

Prepared by

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)



# MEGHALAYA CEMENTS LIMITED

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## STACK ANALYSIS REPORT

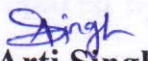
Name of sampling Location : MCL, Thangskai  
Date of Sampling : 05.03.2021  
Type of Stack : Cement Mill No-2  
Laboratory reference No : S/149/2020-21

### Parameters:

1) Particulate Matter (PM): 19.74 mg/Nm<sup>3</sup>

**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 10<sup>th</sup> May'2016.

Prepared by

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)





# MEGHALAYA CEMENTS LIMITED

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## STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai  
Date of Sampling : 18.03.2021  
Type of Stack : Primary Crusher  
Laboratory reference No : S/150/2020-21

### Parameters:

1) Particulate Matter (PM): mg/Nm<sup>3</sup>

18.92 mg/Nm<sup>3</sup>

**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 10<sup>th</sup> May'2016.

Prepared by

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)

# MEGHALAYA CEMENTS LIMITED

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## STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai  
Date of Sampling : 18.03.2021  
Type of Stack : Secondary Crusher  
Laboratory reference No : S/151/2020-21

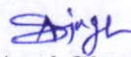
### Parameters:

1) Particulate Matter (PM): mg/Nm<sup>3</sup>

14.51 mg/Nm<sup>3</sup>

**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 10<sup>th</sup> May'2016.

Prepared by

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)



# MEGHALAYA CEMENTS LIMITED

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## STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai  
Date of Sampling : 10.03.2021  
Type of Stack : Cooler E.S.P-1  
Laboratory reference No : S/152/2020-21

### Parameters:

1) Particulate Matter (PM):  $\text{mg/Nm}^3$

21.75  $\text{mg/Nm}^3$

**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 10<sup>th</sup> May'2016.

Prepared by

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)

# MEGHALAYA CEMENTS LIMITED

## STACK ANALYSIS REPORT

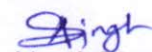
Name of sampling Location : MCL, Thangskai  
Date of Sampling : 10.03.2021  
Type of Stack : Cooler E.S.P-2  
Laboratory reference No : S/153/2020-21

### Parameters:

1) Particulate Matter (PM):  $\text{mg/Nm}^3$   
28.61  $\text{mg/Nm}^3$

**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 10<sup>th</sup> May'2016.

Prepared by

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)





# MEGHALAYA CEMENTS LIMITED

## STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai  
Date of Sampling : 13.03.2021  
Type of Stack : Kiln & Raw Mill (RABH-1)  
Laboratory reference No : S/154/2020-21

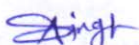
### Parameters:

- 1) Particulate Matter (PM) : 15.81 mg/Nm<sup>3</sup>
- 2) Oxides of Sulfur (as SO<sub>2</sub>): 596.25 mg/Nm<sup>3</sup>
- 3) Oxides of Nitrogen (NO<sub>x</sub>): 214.63 mg/Nm<sup>3</sup>

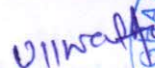
**Remarks:** The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10<sup>th</sup> May'2016.

**Note:** The SO<sub>2</sub> 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

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)



# MEGHALAYA CEMENTS LIMITED

## STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai  
Date of Sampling : 13.03.2021  
Type of Stack : Kiln & Raw Mill (RABH-2)  
Laboratory reference No : S/155/2020-21

### Parameters:

- 1) Particulate Matter (PM): 14.49 mg/Nm<sup>3</sup>
- 2) Oxides of Sulfur (as SO<sub>2</sub>): 621.37 mg/Nm<sup>3</sup>
- 3) Oxides of Nitrogen (NO<sub>x</sub>): 219.64 mg/Nm<sup>3</sup>

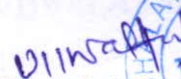
**Remarks:** The parameter was tested and found within the permissible limits of the Stack Emission Standards as per as the EPA Notification G.S.R.497 (E) dated 10<sup>th</sup> May'2016.

**Note:** *The SO<sub>2</sub> 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

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)





## MEGHALAYA CEMENTS LIMITED

### STACK ANALYSIS REPORT

Name of sampling Location : MCL, Thangskai

Date of Sampling : 26.03.2021

Type of Stack : C.P.P.

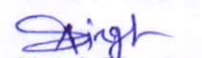
Laboratory reference No : S/156/2020-21

#### Parameters:

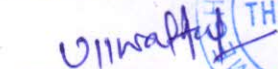
- 1) Particulate Matter (PM): 24.94 mg/Nm<sup>3</sup>
- 2) Oxides of Sulfur (as SO<sub>2</sub>): 411.39 mg/Nm<sup>3</sup>
- 3) Oxides of Nitrogen (NO<sub>x</sub>): 207.72 mg/Nm<sup>3</sup>

**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 07<sup>th</sup> Dec'2015.

Prepared by

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)





**MEGHALAYA CEMENTS LIMITED**

CIN- U26942ML2003PLC007125



To,

Date: 02.04.2021

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

Dear Sir,

We are herewith submitting the Ambient Air Quality survey report for the month of **March'2021** for Limestone mining for an area of 31.05 Ha, at South Khliehjeri.

Thanking you Sir,

Yours faithfully,

For **MEGHALAYA CEMENTS LIMITED**

  
R.K Pareek  
(President)



**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**



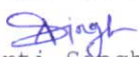
**M/s MEGHALAYA CEMENTS LIMITED**  
**AMBIENT AIR QUALITY SURVEY**

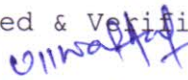
MCL/ENV/LSM-AAQM/2020-21/36

|                               |                                          |
|-------------------------------|------------------------------------------|
| Location of sampling          | South Khliehji Limestone Mine (31.05 Ha) |
| Date duration of sampling     | 11.03.2021                               |
| Time Duration of sampling     | 24 hours                                 |
| Weather                       | Clear                                    |
| Total Rain Fall, mm (On Date) | 0.00 mm                                  |
| Ambient Temperature (°C) :    | Max. - 34.31°C, Min. - 20.00°C           |
| Relative Humidity (%) :       | Max. - 95.18%, Min. - 50.92%             |
| Wind direction                | → S(168.27°)                             |

| Pollutants                                             | Analysis Results                                |                                                  |                                                       | Permissible Limits for Rural Areas (By MSPCB 24 hrs Monitoring) |
|--------------------------------------------------------|-------------------------------------------------|--------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
|                                                        | Station No. & Air Quality Survey No.            |                                                  |                                                       |                                                                 |
|                                                        | A1. North -East (Near Soil Dump)<br>D/106/20-21 | A2. North - West (Near Haul Road)<br>D/107/20-21 | A3.Southern side (Near Lease Boundary)<br>D/108/20-21 |                                                                 |
|                                                        | 48 hrs.                                         | 48 hrs                                           | 48 hrs                                                |                                                                 |
| Particulate Matters PM10 ( $\mu\text{g}/\text{m}^3$ )  | 55.62                                           | 54.18                                            | 53.69                                                 | 100                                                             |
| Particulate Matters PM2.5 ( $\mu\text{g}/\text{m}^3$ ) | 40.29                                           | 43.97                                            | 42.56                                                 | 60                                                              |

Remarks : The Parameters analysed were found to be within the permissible Limits of Ambient Air Quality Standards (National) for Rural Areas as per EPA Notification GSR 176, April 1996.

Prepared by  
  
(Arti Singh)

Checked & Verified By  
  
(Ujjwal Anurag)



# MEGHALAYA CEMENTS LIMITED

CIN- U26942ML2003PLC007125



To,

Date: 02.04.2021

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 March'2021.

Thanking you Sir,

Yours faithfully,

For MEGHALAYA CEMENTS LIMITED

  
R.K. Pareek  
(President)



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

## FORM - I

(See Rule 4)

Return: Water consumed during the month of March '2021

| 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 Kilolitres | 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.<br>Village - Thangskai<br>P.O - Lumshnong<br>Pin No 793210<br>Jaintia Hills - MEGHALAYA | Domestic purpose                 | River                      | (a) 355635<br>(b) 006688<br>(c) 680789                                       | (a) 359582<br>(b) 006891<br>(c) 688859                                | 12,220                                   | -                                                                                                                  | -                                                                 | Qty. of water consumed from river water = 12,814 + 12,220 = 25,034 KL |
|                                                                                                                | Industrial cooling               | River                      | a) 479299<br>b) 026901<br>c) 403741                                          | a) 509888<br>b) 027530<br>c) 420424                                   | 12,814                                   | -                                                                                                                  | -                                                                 | Qty of water returned = 33,361 + 1726 = 35,087 KL                     |
|                                                                                                                | Industrial Purpose               | -                          | -                                                                            | -                                                                     | Nil                                      | -                                                                                                                  | -                                                                 | -                                                                     |

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 = 2,120,335  
Final reading of the return line flow meter at end of month = 2,153,696

(2) Initial reading of S.T.P flow meter at the beginning of the month = 72,871  
Final reading of S.T.P flow meter at the end of the month = 74,597



Name of Customer  
Address

o/c



# MEGHALAYA CEMENTS LIMITED

CIN- U26942ML2003PLC007125



To,

Date: 02.04.2021

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 March'2021.

| <u>Month</u> | <u>Water Consumption</u> |
|--------------|--------------------------|
| March'2021   | 26,014.00 m3             |

Thanking you Sir,

Yours faithfully,

For MEGHALAYA CEMENTS LIMITED

  
R.K. Pareek  
(President)



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HELPLINE NO : 18001233666

Kolkata :  
BE-77, Salt Lake City  
Sector-1, Kolkata - 700 064  
Tel. : 033 2334 0666 / 0004  
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# MEGHALAYA CEMENTS LIMITED

CIN- U26942ML2003PLC007125



To,

Date: 02.04.2021

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 **March'2021** for **2600 TPD Cement Manufacturing Plant** along with **10 MW Captive Power Plant** report respectively.

Thanking you Sir,

Yours faithfully,

For MEGHALAYA CEMENTS LIMITED

R.K. Pareek  
(President)



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**HELPLINE NO : 18001233666**

## MEGHALAYA CEMENTS LIMITED

### PROCESS FUGITIVE EMISSION TEST RESULTS

March'2021

| Date of Testing | Location                | Fugitive Emission Results for SPM ( $\mu\text{g}/\text{m}^3$ ) | As per the Standard Limit ( $\mu\text{g}/\text{m}^3$ ) |
|-----------------|-------------------------|----------------------------------------------------------------|--------------------------------------------------------|
| 22.03.2021      | Lime stone Storage Area | 1978                                                           | 5000                                                   |
| 22.03.2021      | Coal Storage Area       | 1025                                                           | 2000                                                   |
| 23.03.2021      | Clinker Loading Area    | 2634                                                           | 5000                                                   |
| 23.03.2021      | Cement Loading Area     | 2856                                                           | 5000                                                   |
| 25.03.2021      | Coal Storage Area (CPP) | 1421                                                           | 2000                                                   |
| 25.03.2021      | Fly Ash Silo Area (CPP) | 1319                                                           | 2000                                                   |

Prepared by

  
(Arti Singh)

Checked & Verified by

  
(Ujjwal Anurag)