

**Through:** Courier Service

**Ref:** CCCPL/KAL//ENV/Annual/Fly ash/2021-22/

**Date:** 06.05.2021

To

The Sr.Environment officer,  
Karnataka State Pollution Control Board,  
# 49, 4<sup>th</sup>& 5<sup>th</sup> floor,  
Parisara Bhavan,  
Church Street, Bangalore – 560 001.

Dear Sir,

**Sub:** Submission of Annual report on Fly Ash utilization as per Fly Ash notification  
S.O.2084 E, dated: 03.11.2009 – reg

This has reference to the letter for the above cited subject matter; we are here by submitting the Annual returns of Fly ash Generation and utilization by M/s. CCCPL in the KSPCB prescribed format-for the period **Apr-2020 to Mar-2021**.

Kindly acknowledge the receipt.

Yours faithfully,  
for **Chettinad Cement Corporation Pvt. Limited**



**Devesh Kumar Mishra**  
**Unit Head**

Cc:

Environmental officer,  
Karnataka State Pollution Control Board,  
Plot No 12/2, Sy.No 19/P, Mansafdar Layout,  
MG Road, Santraswadi,  
Kalburgi- 585 101.

**Chettinad Cement Corporation Private Limited**

Kallur Works, Sangam K Village  
Garagapalli Post, Chandapur (SO)  
Chincholi (TK), Kalaburagi (Gulbarga) (DT)  
Karnataka, Pin - 585305, India  
T - 08475 - 295607  
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CIN : U93090TN1962PLC004947

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**Chettinad Cement Corporation private Limited (Kallur, Karnataka)**

**Annual Implementation Report**

**(for the period from 1<sup>st</sup>April' 2020 to 31<sup>st</sup>March' 2021)**

**Fly Ash Amended Notification S.O.2804 (E) dated 03.11.2009 [(as per paragraph 2 (7))]**

| S.No   | Details Sought  | Details  |                  |               |                 |          |
|--|---|--|------------------|---------------|-----------------|----------|
| 1.   | Name of the industry  | Chettinad Cement Corporation Private Limited   |                  |               |                 |          |
| 2.   | Full Address including Pin code   | Chettinad Cement Corporation Private Limited<br>Kallur Works, Sangem K Village<br>Chincholi Taluka, Kalaburagi District<br>Karnataka-585 305 |                  |               |                 |          |
| 3.   | E mail address  | Devesh.mishra@chettinadcement.com  |                  |               |                 |          |
| 4.   | Name of the Nodal Officer (Not below the rank of DGM dealing with Ash Management and Designation) | Mr.Devesh Kumar Mishra<br>Sr.Vice President-Works  |                  |               |                 |          |
| 5.   | Telephone number  | 08475 295610   |                  |               |                 |          |
| 6.   | Fax number  | 08475 295608   |                  |               |                 |          |
| 7.   | Capacity of Thermal Power Plant   | 30 MW  |                  |               |                 |          |
| 8.   | Details of number of Units and capacity of each unit  | 1 x 30 MW  |                  |               |                 |          |
| 9.   | Coal consumption in million tons  | 0.0565   |                  |               |                 |          |
| 10.  | Average Ash content in %  | 22.05  |                  |               |                 |          |
| <b>A. Ash Generation (in metric tons) during 2020-20 (1<sup>st</sup>April' 2020 to 31<sup>st</sup>March' 2021)</b> |   |  |                  |               |                 |          |
| 11.  | Bottom Ash  | 1320.00  |                  |               |                 |          |
| 12.  | Fly Ash<br>Fly Ash Opening stock as on<br>01-04-2020  | 15180.08<br>22.86  |                  |               |                 |          |
| <b>Total A -Ash generated (11 to 12)</b>   |   | 16500.08   |                  |               |                 |          |
| <b>B. Ash Unutilized (in metric tons)</b>  |   |  |                  |               |                 |          |
| 13.  | Ash pond disposal   | Nil  |                  |               |                 |          |
| 14.  | Ash Yard  | Nil  |                  |               |                 |          |
| 15.  | Ash Dump  | Nil  |                  |               |                 |          |
| <b>Total B – Ash Unutilized ( 13 to 15)</b>  |   | Nil  |                  |               |                 |          |
| <b>C. Ash Utilization (in metric tons)</b>   |   |  |                  |               |                 |          |
| S.No   | Purpose   | Target   | Actual           |               |                 |          |
|  |   |  | From ESP Dry Ash | From Pond Ash | From Bottom Ash | Total    |
| 16.  | Ash pond dike rising  | -  | -                | -             | -               | -        |
| 17.  | Cement industry   | 100 %  | 15180.08         | -             | -               | 15180.08 |
| 18.  | Land fill (used for developing vegetation)  | -  | -                | -             | -               | -        |
| 19.  | Own Brick unit  | -  | -                | -             | -               | -        |
| 20.  | Outside brick units other than brick kilns  | -  | -                | -             | -               | -        |
| 21.  |   |  |                  |               |                 |          |

|   |   |      |          |   |         |          |
|---|---|------|----------|---|---------|----------|
| 22.                                       | Brick kilns   | -    | -        | - | -       | -        |
| 23.                                       | Own ash based products (other than bricks)  | -    | -        | - | -       | -        |
| 24.                                       | Ash based products (outside)  | -    | -        | - | -       | -        |
| 25.                                       | Road and Flyover embankments  | -    | -        | - | -       | -        |
| 26.                                       | Back filling of mines   | -    | -        | - | -       | -        |
| 27.                                       | Agriculture   | -    | -        | - | -       | -        |
| 28.                                       | Ready mix concrete  | -    | -        | - | -       | -        |
| 29.                                       | Asbestos  |      |          |   |         |          |
| 30.                                       | Exports   |      |          |   |         |          |
| 31.                                       | Others  |      |          |   |         |          |
|   | a. For Boiler Bed Material Preparation  | 30%  | -        | - | 368.43  | 396.43   |
|   | b. As sand for preparing Cement Mix for various masonry works within the premises | 70%  | -        | - | 859.68  | 924.68   |
| <b>Total C -Ash Utilization(16 to 30)</b> |   | 100% | 15180.08 | - | 1228.12 | 16408.20 |

**D. Reasons for variation from the Target**

Closing Stock as on 31.03.2021 = 91.96 MT stored in silo. The same will be used for Cement manufacturing. 100 % utilization of Ash is ensured

**E. Remedial Measures taken**

Not applicable

**F. Quantity in Ash Pond**

|     |   |     |
|-----|---|-----|
| 31. | Estimated quantity of Pond Ash in active ash pond (Pond in use) as on 31.03.2021 (million tons) | Nil |
|-----|---|-----|

**G. Ash Pond Details : No Ash Pond provided due to 100 % utilization of Ash**

| S.No | Area Break Up   | Forest Area | Non-Forest Area | Total |
|------|---|-------------|-----------------|-------|
| 32.  | Total Area earmarked for Ash pond (Ha)                  | Nil         | Nil             | Nil   |
| 33.  | Ash pond already filled up and reclaimed (ha)           | Nil         |                 |       |
| 34.  | Ash pond already filled up but yet to be reclaimed (ha) | Nil         |                 |       |
| 35.  | Ash pond in use (ha)(Active ash pond)                   | Nil         |                 |       |
| 36.  | Area earmarked for ash ponds but ash ponds yet          | Nil         |                 |       |

|   |  |   |  |
|---|--|---|--|
|   | to be constructed (ha)   |   |  |
| <b>H Dry Ash Collection Facilities</b>  |  |   |  |
| 37.   | Whether Mechanical handling facility for dry fly ash collection is available                                 | Yes   |  |
| 38.   | If yes, how many units   | One unit  |  |
| <b>I. Dry Fly Ash Storage</b>   |  |   |  |
| 39.   | Daily ash generation (TPD)   | Capacity of storage as on 31.03.2021 (tons)   | Capacity proposed, if any in 2020-21 (tons)      |
|   | 150  | 1 X 5000  | Nil  |
| <b>J. Capital Expenditure (Rs.Lakhs)</b>  |  |   |  |
| <b>S.No</b>   | <b>Item</b>  | <b>Expenditure in 2020-21 till 31.03.2021(Rs.Lakhs)</b>   | <b>Budgetary provision in 2020-21 (Rs.Lakhs)</b> |
| 40.   | Mechanical dry fly ash collection facility   | Nil   | Nil  |
| 41.   | Dry fly ash storage  | Nil   | Nil  |
| <b>K. Dispute Settlement Committee</b>  |  |   |  |
| <b>S.No</b>   | <b>No. of meetings held in 2020-2021 till 31.03.2021</b>   | <b>If no meetings were held reason for the same</b>   |  |
| 42.   | Nil  | As the entire Ash generated is utilized within the premises, no surplus Ash is available to outside user. Hence, there is no dispute.   |  |
| <b>L. Provision regarding supply to the brick kilns</b>   |  |   |  |
| 43.   | Whether the Thermal Power Station is maintaining month-wise records of ash made available to each brick kiln | As the entire quantity of generation of Ash is utilized within the premises, no supply of Ash is made to any brick kiln or brick manufacturer. Hence, the need to maintain the records regarding ash supply to brick kiln does not arise. |  |
| 44.   | If yes, how many brick kilns have been supplied with fly ash   | Not Applicable  |  |
| <b>M. Mode of Transportation of ash :rail rakes/truck/trailer/closed container/covered with tarpaulin/ open (strikeout whichever not applicable)</b>  |  |   |  |
| 45.   | Dry Ash  | Fly Ash is conveyed from ESP Hopper to Ash Silo in the Cement Plant pneumatically in closed pipeline.   |  |
| 46.   | Bottom Ash   | Bottom Ash collected from the bottom of the Boiler is being transported using chain conveyor & bucket elevator arrangement to the Silo/Hopper.  |  |
| <b>N.Promotional Measures:</b> <i>As the entire Ash generated is utilized within the premises, no surplus Ash is available to outside user. Hence, no promotional measures have been initiated.</i> |  |   |  |

| S.No                      | Promotional Measures                                   | No. of meetings/ workshops exhibition held during 2020-21 till 31.03.2021 | Amount spent in 2020-21 (Rs. Lakhs) till 31.03.2021 | Outlay for 2020-21 (Rs. Lakhs) |
|---------------------------|--|---|---|--------------------------------|
| 47                        | Exhibitions  | Nil   | Nil   | Nil                            |
| 48                        | Seminars   | Nil   | Nil   | Nil                            |
| 49                        | Workshops  | Nil   | Nil   | Nil                            |
| 50                        | Advertisement in News Papers                           | Nil   | Nil   | Nil                            |
| 51                        | Advertisement in TV                                    | Nil   | Nil   | Nil                            |
| 52                        | Advertisement in Radio                                 | Nil   | Nil   | Nil                            |
| 53                        | Others (Please specify) – Ash Brick Manufacturing unit | Nil   | Nil   | Nil                            |
| <b>Total N (47 to 53)</b> |  | Nil   | Nil   | Nil                            |

**O. Administrative measures taken**

| S. No | Administrative measures                | Outcome  |
|-------|--|--|
| 54.   | Meeting with brick manufacturers       | As no surplus Ash is available, no supply of Ash is made to brick manufacturers. Hence, no meeting took place with any brick manufacturer.                                   |
| 55.   | Meeting with State Government/agencies | As no supply of Ash is made to any outsider, there is no dispute requiring involvement of State Government/agencies. Hence, no meetings held with State Government/Agencies. |
| 56.   | Any other measure (Please specify)     | Nil  |

The following information shall be submitted

**Annexure - I**

**Details of Brick Units / brick kilns and other Fly Ash Product Units to which Ash is supplied**

| S.No  | Name of the Unit & Address | Telephone No if any | Quantity supplied in Metric tons |
|---|----------------------------|---------------------|----------------------------------|
| No supply of Ash is made to Brick Units / Brick Kilns and other Fly Ash Product Units as 100 % of Ash generated is used within the premises for Cement manufacturing. |                            |                     |                                  |

**Annexure – II**

**Details of Cement to which Fly Ash supplied**

| S.No  | Name of the Unit & Address | Telephone No if any | Quantity supplied in metric tons |
|---|----------------------------|---------------------|----------------------------------|
| 100 % of Fly Ash generated from the Captive Power Plant is used in our Cement Plant located within the same premises for Cement manufacturing |                            |                     |                                  |

**Annexure – III**

**Name of Road projects to which Fly Ash supplied**

| S.No   | Name of the Road Project | Telephone No if any | Quantity supplied in metric tons |
|--|--------------------------|---------------------|----------------------------------|
| No supply of Fly Ash is made to Road Projects as 100 % of Ash generated is used within the premises for Cement manufacturing |                          |                     |                                  |

**Annexure – IV**

**Name of Hydro power project to which Fly Ash supplied**

| S.No  | Name of the Hydro Power Project | Telephone No if any | Quantity supplied in metric tons |
|---|---------------------------------|---------------------|----------------------------------|
| No supply of Fly Ash is made to any Hydro Power Projects as 100 % of Ash generated is used within the premises for Cement manufacturing |                                 |                     |                                  |

**Annexure – V**

**Name of Mine to which Ash supplied**

| S.No   | Name of the Mine | Open cast / Under ground | Back filling |
|--|------------------|--------------------------|--------------|
| No supply of Ash is made to any Mine for back filling as 100 % of Fly Ash generated is used within the premises for Cement manufacturing |                  |                          |              |

  
Signature:

Name : Devesh Kumar Mishra  
Designation : Unit Head