

Chettinad Cement /Ariyalur/TN /Fly Ash Annual Returns/2022-23 - 25
28.04.2023

Director (SEZ)
Ministry of Environment, Forest and Climate Change
Government of India, Regional Office (SEZ),
1st and IInd Floor, Handloom Export Promotion Council,
34, Cathedral Garden Road,
Nungambakkam, Chennai – 600 034,

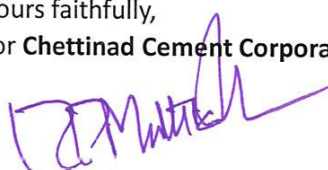
Dear Sir,

Sub: Submission of Fly Ash Annual Returns (Annual Implementation Report) for the period
2022-23 - Captive Power Plant (3 x 15 mw) of Chettinad Cement Corporation Private
Limited, Kilapaluvur Village & Ariyalur Taluk & District, Tamilnadu State

We submit herewith Fly Ash Annual Returns (Annual Implementation Report) for the period
2022 -23 pertaining to our Captive Power Plant (3 x 15mw) of Chettinad Cement Corporation
Private Limited located at Kilapaluvur Village & Ariyalur Taluk & District, Tamilnadu State.

Thanking you,

Yours faithfully,
for **Chettinad Cement Corporation Private Limited**


R.P. Muthiah
Vice President [Works]

Copy to: **Regional Director, CPCB, Bangalore**
Member Secretary, TNPCB, Chennai
Joint Chief Environmental Engineer, TNPCB, Trichy
District Environmental Engineer, TNPCB, Ariyalur

Chettinad Cement Corporation Private Limited (Ariyalur, Tamilnadu)

Chettinad Cement Corporation Private Limited Annual Implementation Report

(formerly Chettinad Cement Corporation Limited)
Ariyalur Trichy Road, Keelapalur Post,
Ariyalur Dist - 621707, Tamilnadu, India.
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CIN: U93090TN1962PCB04947
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E : ariyalur@chettinadcement.com
www.chettinad.com

(for the period 1st April 2022 to 31st Mar 2023)

Fly Ash amended Notification SO 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 Ariyalur Trichy Road Kilapaluvur Post Ariyalur Taluk & District Tamilnadu Pincode :621707	
3.	E mail address	ariyalur@chettinadcement.com	
4.	Name of the Nodal Officer (Not below the rank of DGM dealing with Ash Management and Designation)	R. P. Muthiah Vice President [Works]	
5.	Telephone number	04329-250009	
6.	Fax number	04329-250011	
7.	Capacity of Thermal Power Plant	45 MW	
8.	Details of number of Units and capacity of each unit	3 x 15 MW	
9.	Coal consumption in million tons (Apr 2022-Mar 2023)	Coal : 0.08296	
10	Average Ash content in %	8.3 %	
A. Ash Generation (in metric tons) during 2022-2023			
11.	Bottom Ash	663	
12.	Fly Ash	7209	
Total A -Ash generated (11 to 12)		7873	
B. Ash Unutilized (in metric tons)			
13.	Ash pond disposal	Nil	
14.	Ash Yard	Nil	
15.	Ash Dump	Nil	
Total B – Ash Unutilized (13 to 15)		Nil	
C. Ash Utilization (in metric tons)			
S.No	Purpose	Target	Actual

			From ESP Dry Ash	From Pond Ash	From Bottom Ash	Total
16.	Ash pond dike rising	-	-	-	-	-
17.	Cement industry	92 %	7209	-	-	7209
18.	Land fill (used for developing vegetation)	-	-	-	-	-
19.	Own Brick unit	-	-	-	-	-
20.	Outside brick units other than brick kilns	-	-	-	-	-
21.	Brick kilns	-	-	-	-	-
22.	Own ash based products (other than bricks)	-	-	-	-	-
23.	Ash based products (out side)	-	-	-	-	-
24.	Road and Flyover embankments	-	-	-	-	-
25.	Back filling of mines	-	-	-	-	-
26.	Agriculture	-	-	-	-	-
27.	Ready mix concrete	-	-	-	-	-
28.	Asbestos					
29.	Exports					
30.	Others [Bottom Ash] a. For Boiler Bed Material Preparation b. As sand for preparing Cement Mix for various masonry works within the premises	8%	- -	- -	199 [30%] 464 [70%]	199 464
Total C -Ash Utilization(16 to 30)		100%	7209	-	663	7873
D. Reasons for variation from the Target :			Not applicable as 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 31.03.2023 (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 to be constructed (ha)	Nil		
H. Dry Ash Collection Facilities				
37.	Whether Mechanical handling facility for dry fly ash collection is available.	Yes		
38.	If yes, how many units	Two units		
I. Dry Fly Ash Storage				
39.	Daily ash generation (TPD)	Capacity of storage as on 31.03.2023 (tons)	Capacity proposed, if any in 2023-24 (tons)	
	19.8 [Average]	2 X 5000	NIL	
J. Capital Expenditure (Rs.Lakhs)				
S.No	Item	Expenditure in 2022-23 (Rs. Lakhs)	Budgetary provision in 2023-24 (Rs. Lakhs)	
40.	Mechanical dry fly ash collection facility	Nil	Nil	
41.	Dry fly ash storage	Nil	Nil	
K. Dispute Settlement Committee				
S.No	No. of meetings held in 2022-2023	If no meetings were held reason for the same		
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		
L. Provision regarding supply to the brick kilns				
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		
M. Mode of Transportation of ash :rail rakes/truck/trailer/closed container/covered with tarpaulin/ open (strikeout whichever not applicable)				

45.	Dry Ash	Fly Ash is conveyed from ESP Hopper to Ash Silo in the Cement Plant pneumatically in closed pipeline. No transportation of fly ash takes place to the outside the premises.
46.	Bottom Ash	Bottom Ash collected from the bottom of the Boiler is being conveyed pneumatically to the Silo. Bottom ash also not transported to the outside the premises.

N. Promotional Measures: 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.

S.No	Promotional Measures	No. of meetings/ workshops exhibition held during 2022-23	Amount spent in 2022-23 (Rs. Lakhs)	Outlay for 2022-23 (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
Total N (47 to 53)		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.			

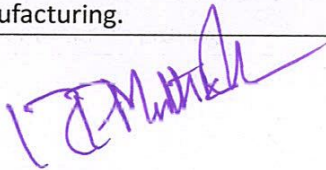
Annexure – IV**Name of Hydro power project to which Fly Ash supplied**

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 Ash generated is used within the premises for Cement manufacturing.			

Signature :



Name : R.P. Muthiah

Designation : Vice President [Works]

Date : 28.04.2023