



Chettinad Cement /Puliyur/TN /Fly Ash Returns/2019-20
16th April, 2020

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 Annual Implementation Report (Fly Ash Annual Returns) for the period
2019-20 - Captive Power Plant (1 x 15 mw) of Chettinad Cement Corporation Pvt Limited,
Puliyur Village, Karur Taluk & District, Tamilnadu State

We submit herewith Annual Implementation Report (Fly Ash Annual Returns) for the period
2019 -20 pertaining to our Captive Power Plant (1 x 15mw) of Chettinad Cement Corporation
Private Limited located at Puliyur Village, Karur Taluk & District, Tamilnadu State.

Thanking you,

Yours faithfully,

for **Chettinad Cement Corporation Private Limited**

A Amalraj

Joint President (Works)

Copy to: **Director (Thermal), MoEFCC, New Delhi**
Member Secretary, CPCB, Delhi
Scientist 'E' & Incharge, CPCB, Bangalore
Member Secretary, TNPCB, Chennai
Joint Chief Environmental Engineer, TNPCB.Salem
District Environmental Engineer, TNPCB, Karur

Chettinad Cement Corporation Private Limited.

Kumararajah Muthiah Nagar

Puliyur Cement Factory

Karur Dist 639 114,

Tamilnadu, India.

T +91 4324 251354, 251345

E puliyur@chettinadcement.com

CIN : U93090TN1962PTC004947

GST : 33AAACC3130A1ZQ

Head Office :

Chettinad Towers, 4th Floor,

603, Anna Salai,

Chennai 600 006,

T +91 44 2829 2727, 42951800

F +94 44 28291558, 43090202

E info@chettinadcement.com

www.chettinadcement.com

STATUTORY COMPLIANCE REPORT

**As per paragraph 2 (7) of the Fly Ash Amended Notification S.O.(E) dated 03.11.2009
for the period from 1st April, 2019 to 31st March, 2020**

S.No	Details Sought	Details				
1.	Name Of the industry	M/s. Chettinad Cement Corporation Pvt Limited				
2.	Full Address including Pin code	Chettinad Cement Corporation Pvt Limited Kumararajah Muthiah Nagar, Puliyur Cement Factory Karur Dist 639114.				
3.	E mail address	Puliyur@chettinadcement.com				
4.	Name of the Nodal Officer (Not below the rank of DGM dealing with Ash Management and Designation)	A.Amalraj Joint President (Works)				
5.	Telephone number	04324 251354				
6.	Fax number	04324 250584				
7.	Capacity of Thermal Power Plant	15 MW				
8.	Details of number of Units and capacity of each unit	1 x 15 MW				
9.	Coal consumption in million tons (Apr 2019-Mar 2020)	0.042274				
10.	Average Ash content in %	7.00				
A. Ash Generation (in metric tons) during 2019-20						
11.	Bottom Ash	310				
12.	Fly Ash	2951				
Total A -Ash generated (11 to 12)		3261				
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	100 %	2951	-	-	2951
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					
	a. For Boiler Bed Material Preparation	30%	-	-	90	90
	b. As sand for preparing Cement Mix for various masonry works within the premises	70%	-	-	220	220
Total C -Ash Utilization(16 to 30)		100%	2951	-	310	3261

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 31.03.2020 (million tons)	Nil
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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	One unit	
I. Dry fly ash storage.			
39.	Daily ash generation (TPD)	Capacity of storage as on 31.03.2020 (tons)	Capacity proposed, if any in 2020-21 (tons)
	9	1 X 90	Nil
J. Capital Expenditure (Rs.Lakhs)			
S.No	Item	Expenditure in 2019-20 (Rs.Lakhs)	Budgetary provision in 2020-21 (Rs.Lakhs)
40.	Mechanical dry fly ash collection facility	Nil	Nil
41.	Dry fly ash storage	Nil	Nil
<u>K. Dispute Settlement Committee</u>			
S.No	No. of meetings held in 2019-2020	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.	
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.	
46.	Bottom Ash	Bottom Ash is conveyed from bed ash cooler to bottom ash silo with closed pipe line.	

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 2019-20	Amount spent in 2019-20 (Rs. Lakhs)	Outlay for 2019-20 (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			

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			

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			

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			

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			



Name : A.Amalraj

Designation : Joint President (Works)

Date : 16.04.2020