ADITYA BIRLA

GRASIM

ADM/ENV/2023-24/ 12

Date: 08.05.2023

To,

The Senior Environmental Officer, (Fly Ash Cell)
Karnataka State Pollution Control Board,
#49, 1 st to 5th Floor, Parisara Bhavana,
Church Street, Bengaluru — 560 001

Dear Sir,

Sub: Submission of Statutory Compliance Report on Annual Implementation Report as per paragraph 2(7) of the Fly Ash Notification S.O.2084 E dated 03.11.2009 & 31.12.2021— **Submission of Statutory Ash Compliance Report for the period April-2022 to March-2023—Reg.**

With reference to the above subject we would like to inform that we do-not have Power plant, but for steam generation requirement for Chlor Alkali plant, we have coal fired Boiler. We are enclosing the Fly Ash generation from 10 TPH and 18TPH coal fired boilers and this fly ash is being utilized in Brick industries is duly filled in format for the period of 01.04.2022 to 31.03.2023.

Hope the above furnished information is in order and kindly acknowledge the receipt of the same.

Thanking You,

Yours faithfully,

Yours faithfully,

Grasim Industries Limited,

Chemical Division, Karwar

Sandeep Singh

(Sandeep Singh)

Joint President & Unit Head

CC : The Regional officer,
Karnataka State Pollution Control Board
"Parisar Bhavan", LIG-II, B-217, B-1, Main Road, A-16th Cross
Near Hari Om Trust, Habbuwada Karwar-581303

Encl: Annexure for April-2022 to March-2023.

Annexure

Ash Compliance Report (for the period 1st April-31st March) to be submitted on or before 31st May.

Sl. No.	Details	
1	Name of Power Plant	**Not a Thermal power plant.** Coal Fired Boiler for chlor Alkali plant 1) 10 TPH Coal Fired Boiler 2) 18 TPH Coal Fired Boiler
2	Name of the company	Grasim Industries Limited, Chemical Division, Karwar,
3	District	Uttar Kannada
4	State	Karnataka
5	Postal address for communication:	P.O. Binaga- 581307, Dist. Uttar Kannada, Karwar, Karnataka State
6	E-mail:	ram.b.sharma@adityabirla.com
7	Power Plant installed capacity (MW):	Not a Thermal power plant. Coal Fired Boiler for chlor Alkali plant 1) 10 TPH Coal Fired Boiler 2) 18 TPH Coal Fired Boiler
8	Plant Load Factor (PLF):	Not Applicable
9	No. of units generated (MWh):	Not Applicable
10	Total area under power plant (ha): (including area under ash ponds)	
11	Quantity of coal consumption during reporting period (Metric Tons per Annum):	18568 MT
12	Average ash content in percentage (per cent):	8 – 10 %
13	Quantity of current ash generation during reporting period (Metric Tons per Annum):	1958.65 (Flyash + Bottom ash)
	Fly ash (Metric Tons per Annum):	1873.27
	Bottom ash (Metric Tons per Annum):	85.38
14	Capacity of dry fly ash storage silo(s) (Metric Tons) :	400
15	Details of utilisation of current ash generated during reporting period	
(a)	**Total quantity of current ash utilised (MTPA) during reporting period:**	468.74 (Flyash + Bottom ash)
(b)	Quantity of fly ash utilised (MTPA):	468.74
(i)	Fly ash-based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels):	468.74
(ii)	Cement manufacturing:	0
(iii)	Ready mix concrete:	0
(iv)	Ash and Geo-polymer-based construction material:	0

(v)	Manufacturing of sintered or cold bonded ash aggregate:	0
(vi)	Construction of roads, road and flyover embankment:	0
(vii)	Construction of dams:	0
(viii)	Filling up of low-lying area:	0
(ix)	Filling of mine voids:	0
(x)	Use in overburden dumps:	0
(xi)	Agriculture:	0
(xii)	Construction of shoreline protection structures in coastal districts;	0
(xiii)	Export of ash to other countries:	0
(xiv)	Others (please specify):	0
(c)	**Quantity of bottom ash utilised (MTPA):**	0
(i)	Fly ash-based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels):	0
(ii)	Cement manufacturing:	0
(iii)	Ready mix concrete:	0
(iv)	Ash and Geo-polymer-based construction material:	0
(v)	Manufacturing of sintered or cold bonded ash aggregate:	0
(vi)	Construction of roads, road and flyover embankment:	0
(vii)	Construction of dams:	0
(viii)	Filling up of low-lying area:	0
(ix)	Filling of mine voids:	0
(x)	Use in overburden dumps:	0
(xi)	Agriculture:	0
(xii)	Construction of shoreline protection structures in coastal districts; xiii. Export of ash to other countries:	0
(xiii)	Export of ash to other countries:	0
(xiv)	Others (please specify):	0
	Total quantity of current ash unutilised (MTPA) during reporting period:	468.74
16	Percentage utilisation of current ash generated during reporting period (per cent):	24 %
17	Details of disposal of ash in ash ponds	We do not have any ash pond
(a)	Total quantity of ash disposed in ash pond(s) (Metric Tons) as on 31st March (excluding reporting period):	-
(b)	Quantity of ash disposed in ash pond(s) during reporting period (Metric Tons):	-
(c)	Total quantity of water consumption for slurry discharge into ash ponds during reporting period (m3):	-
(d)	Total number of ash ponds:	-
(i)	Active:	-
(ii)	Exhausted (yet to be reclaimed):	-

(iii)	Reclaimed:	-
(e)	total area under ash ponds (ha):	-
18	Individual ash pond details *Ash pond-1,2, etc. (please provide below mentioned details separately, if number of ash ponds is more than one)*	We do not have any ash pond
(a)	Status: Under construction or Active or Exhausted or Reclaimed	-
(b)	Date of start of ash disposal in ash pond (DD/MM/YYYY or MMYYYY):	-
(c)	Date of stoppage of ash disposal in ash pond after completing its capacity (DD/MM/YYYY or MM/YYYY): (Not applicable for active ash ponds) (c) area (hectares):	-
(d)	dyke height (m):	-
(e)	volume (m3):	-
(f)	available volume in percentage (per cent) and quantity of ash can be further disposed (Metric Tons): quantity of ash disposed as on 31st March (Metric Tons):	-
(g)	expected life of ash pond (number of years and months):	-
(h)	co-ordinates (Lat and Long): (please specify minimum 4 co-ordinates)	-
(i)	type of lining carried in ash pond: HDPE lining or LDPE lining or clay lining or No lining	-
(j)	mode of disposal: Dry disposal or wet slurry (in case of wet slurry please specify whether HCSD or MCSD or LCSD)	-
(k)	Ratio of ash: water in slurry mix (1:):	-
(l)	Ash water recycling system (AWRS) installed and functioning: Yes, or No	-
(m)	Quantity of wastewater from ash pond discharged into land or water body (m3):	-
(n)	Last date when the dyke stability study was conducted and name of the organisation who conducted the study:	-
(o)	Last date when the audit was conducted and name of the organization who conducted the audit:	-
19	Quantity of legacy ash utilised (MTPA):	**387.00**
(i)	Fly ash-based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels):	387.00
(ii)	Cement manufacturing:	0
(iii)	Ready mix concrete:	0
(iv)	Ash and Geo-polymer-based construction material:	0
(v)	Manufacturing of sintered or cold bonded ash aggregate:	0
(vi)	Construction of roads, road and flyover embankment:	0
(vii)	Construction of dams:	0

(viii)	Filling up of low-lying area:	0
(ix)	Filling of mine voids:	0
(x)	Use in overburden dumps:	0
(xi)	Agriculture:	0
(xii)	Construction of shoreline protection structures in coastal districts; xiii. Export of ash to other countries:	0
(xiii)	Export of ash to other countries:	0
(xiv)	Others (please specify):	0

20	Summary:			
S.N.	Details	Quantity generated (MTPA)	Quantity utilised (MTPA) and (per cent)	Balance quantity (MTPA)
1	Current ash during reporting period	1958.65	468.74 (24 %)	1489.91
2	Legacy ash (Jan'22 to March'22)	736.92	387.00 (53 %)	349.92
3	Legacy ash (as on 31st Dec 2021)	1787.24	-	1787.24
	Total	4482.81	855.74	3627.07
21	Any other information:	-	-	-
22	Signature of Authorised Signatory	Sandeep Singh Sandeep Singh (Joint President & Unit Head)		