

GRASIM/ENV/ /2025  
28<sup>th</sup> April, 2025

To,  
**Integrated Regional Office (IRO), MOEFCC**  
Room No 407, Aranya Bhawan,  
Near CH-3 Circle, Sector 10A,  
Gandhinagar, Gujarat – 382010

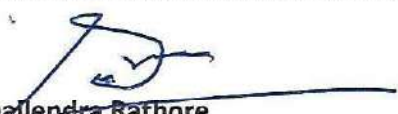
**Sub. : Submission of Annual Fly Ash Compliance Report for the financial year 2024 - 25**  
**Ref. : Fly Ash notifications dated 31<sup>st</sup> December-2021 and its subsequent amendments**

Respected Sir,

We are enclosing herewith Annual Fly Ash Compliance Report of our Unit for the financial year 2024-25 along with its annexure for your kind reference and record.

Thanking you,  
Yours faithfully,

**For Grasim Industries Limited; Unit - Indian Rayon**

  
**Shalendra Rathore**  
General Manager,  
Environment, Safety & Sustainability

Encl. : As above

CC To :

**The Member Secretary**  
Gujarat Pollution Control Board,  
Paryavaran Bhawan, Sector-10/A,  
Gandhinagar – 382 043

**The Regional Officer**  
Gujarat Pollution Control Board,  
Pankaj Vikas Bungalow, Opposite Saint Annes  
Church, Station Road, **Junagadh – 362 001**

**Central Pollution Control Board**  
Zonal Office (West), Parivesh Bhawan,  
Atmajyoti Ashram Rd,  
Opp. VMC Ward Office No. 10,  
Subhanpura, **Vadodara – 390 023**

**Central Electricity Authority,**  
Ministry of Power,  
Sewa Bhawan, R.K. Puram, Sector-1,  
**New Delhi-110 066**



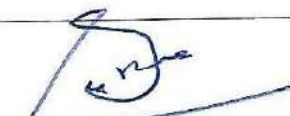
**Grasim Industries Limited**  
Unit – Indian Rayon

Veraval 362266 Dist. Gir Somnath Gujarat India

Fly Ash MoEF Notifications 31 <sup>st</sup> December-2021 and Its Subsequent Amendments		
Statutory Compliance Report for the Period 01.04.2024 to 31.03.2025		
Sr. No.	Details	
1.	Name of Power Plant	Grasim Industries Limited (Unit - Indian Rayon)
2.	Name of the company	Grasim Industries Limited (Unit - Indian Rayon)
3.	District	Gir-Somnath, Veraval - 362266
4.	State	Gujarat
5.	Postal address for communication:	Grasim Industries Limited –Unit: Indian Rayon, Gir-Somnath- Veraval - 362266
6.	E-mail:	s.rathore@adityabirla.com
7.	Power Plant installed capacity (MW):	54.5 MW
8.	Plant Load Factor (PLF):	78.20 %
9.	No. of units generated (MWh):	2,60,185.44 MWh
10.	Total area under power plant (ha): (including area under ash ponds)	Total area under power plant: 9.02 ha
11.	Quantity of coal consumption during reporting period (Metric Tons per Annum):	2,96,056 MT
12.	Average ash content in percentage (per cent):	6.62 %
13.	Quantity of current ash generation during reporting period (Metric Tons per Annum):	19,587.10 MT
	Fly ash (Metric Tons per Annum):	16,633.12 MT
	Bottom ash (Metric Tons per Annum):	2,953.98 MT
14.	Capacity of dry fly ash storage silo(s) (Metric Tons) :	1,200 MT (4 nos. of Silo having 300 MT capacity each)
15.	<b>Details of utilization of current ash generated during reporting period.</b>	
(a)	Total quantity of current ash utilized (MTPA) during reporting period:	<b>19,683.54 MT</b>
(b)	<b>Quantity of fly ash utilized (MTPA):</b>	
(i)	Fly ash based products (bricks or blocks or tiles or fiber cement sheets or pipes or boards or panels)	--
(ii)	Cement manufacturing:	<b>16,729.56 MT</b>
(iii)	Ready mix concrete:	--
(iv)	Ash and Geo-polymer based construction material:	--
(v)	Manufacturing of sintered or cold bonded ash aggregate:	--
(vi)	Construction of roads, road and flyover embankment:	--
(vii)	Construction of dams:	--
(viii)	Filling up of low lying area:	--
(ix)	Filling of mine voids:	--
(x)	Use in overburden dumps:	--

(xi)	Agriculture:	--
(xii)	Construction of shoreline protection structures in coastal districts;	--
(xiii)	Export of ash to other countries:	--
(xiv)	Others (please specify):	--
<b>(c)</b>	<b>Quantity of bottom ash utilized (MTPA):</b>	
(i)	Fly ash based products (bricks or blocks or tiles or fiber cement sheets or pipes or boards or panels)	Bricks = 632.61 MT Paver Blocks = 632.04 MT <b>Total = 1264.65 MT</b>
(ii)	Cement manufacturing:	--
(iii)	Ready mix concrete:	--
(iv)	Ash and Geo-polymer based construction material:	--
(v)	Manufacturing of sintered or cold bonded ash aggregate:	--
(vi)	Construction of roads, road and flyover embankment:	--
(vii)	Construction of dams:	--
(viii)	Filling up of low lying area:	<b>582.68 MT</b>
(ix)	Filling of mine voids:	--
(x)	Use in overburden dumps:	--
(xi)	Agriculture:	--
(xii)	Construction of shoreline protection structures in coastal districts;	--
(xiii)	Export of ash to other countries:	--
(xiv)	Others (please specify):	Compound Construction = 573.620 MT Used in Power plant = 533.030 MT <b>Total = 1134.52 MT</b>
Total quantity of current ash unutilized (MTPA) during reporting period:		Fly Ash = 192.01 MT Bed Ash = 28.41 MT <b>Total Unutilized = 220.421 MT</b>
16.	Percentage utilization of current ash generated during reporting period (per cent):	98.87 %
<b>17.</b>	<b>Details of disposal of ash in ash ponds</b>	
(a)	Total quantity of ash disposed in ash pond(s) (Metric Tons) as on 31st March (excluding reporting period):	NA
(b)	Quantity of ash disposed in ash pond(s) during reporting period (Metric Tons):	NA
(c)	Total quantity of water consumption for slurry discharge into ash ponds during reporting period (m3 ):	NA
(d)	Total number of ash ponds:	NA
(i)	Active:	NA
(ii)	Exhausted (yet to be reclaimed):	NA
(iii)	Reclaimed:	NA

(e)	total area under ash ponds (ha):	NA
<b>18.</b>	<b>Individual ash pond details (Individual ash pond details)</b>	
(a)	Status: Under construction or Active or Exhausted or Reclaimed	NA
(b)	Date of start of ash disposal in ash pond (DD/MM/YYYY or MM/YYYY):	NA
(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)	NA
(d)	area (hectares):	NA
(e)	dyke height (m):	NA
(f)	volume (m3 ):	NA
(h)	quantity of ash disposed as on 31st March (Metric Tons):	NA
(i)	available volume in percentage (per cent) and quantity of ash can be further disposed (Metric Tons):	NA
(j)	expected life of ash pond (number of years and months):	NA
(k)	co-ordinates (Lat and Long): (please specify minimum 4 co-ordinates)	NA
(l)	type of lining carried in ash pond: HDPE lining or LDPE lining or clay lining or No lining	NA
(m)	Mode of disposal: Dry disposal or wet slurry (in case of wet slurry please specify whether HCSD or MCSD or LCSD)	NA
(n)	Ratio of ash: water in slurry mix (1: ____ ):	NA
(o)	Ash water recycling system (AWRS) installed and functioning: Yes or No	NA
(p)	Quantity of wastewater from ash pond discharged into land or water body (m3):	NA
(q)	Last date when the dyke stability study was conducted and name of the organization who conducted the study:	NA
(r)	Last date when the audit was conducted and name of the organization who conducted the audit:	NA
19.	Quantity of legacy ash utilized (MTPA):	We are providing 100% fly ash to cement plant of our group units and other cement units since December- 2015 and the trend continued for the financial year 2024-25.
(i)	Fly ash based products (bricks or blocks or tiles or fiber cement sheets or pipes or boards or panels)	--
(ii)	Cement manufacturing:	--
(iii)	Ready mix concrete:	--

(iv)	Ash and Geo-polymer based construction material:	--		
(v)	Manufacturing of sintered or cold bonded ash aggregate:	--		
(vi)	Construction of roads, road and flyover embankment:	--		
(vii)	Construction of dams:	--		
(viii)	Filling up of low lying area:	--		
(ix)	Filling of mine voids:	--		
(x)	Use in overburden dumps:	--		
(xi)	Agriculture:	--		
(xii)	Construction of shoreline protection structures in coastal districts;	--		
(xiii)	Export of ash to other countries:	--		
(xiv)	Others (please specify):	--		
20. Summary:				
	Details	Quantity generated (MTPA)	Quantity utilized (MTPA) and (per cent)	Balance quantity (MTPA)
	Current ash during reporting period	19587.10 MT	19366.70 MT (98.87 %)	220.42 MT
	Ash unutilized at the end of previous reporting period (as on 31.03.2024)	316.86 MT	316.86 MT (100%)	0 MT
	Legacy ash	NA	NA	NA
	Total	19903.96 MT	19683.54 MT (98.89 %)	220.42 MT
21.	Any other information: Soft copy of the annual compliance report, and shape files of power plant and ash ponds may be e-mailed to:- moefcc-coalash@gov.in	The fly ash purchase orders of Cement Industries and Bed ash utilization certificate are attached as <b>Annexure -1</b> .		
22.	Signature of Authorized Signatory:	 Shailendra Rathore General Manager, Environment, Safety & Sustainability		