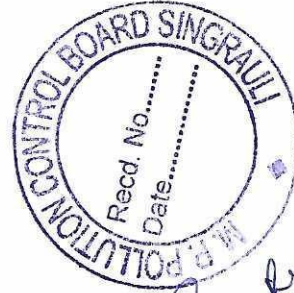




MAH/ENV/MPPCB/Fly Ash/2026-27/291

Date: 28.04.2026

To,
The Ministry of Environment & Forest
Regional Office Western region
Kendriya Paryavaran Bhavan
Link road No.-3, E-5 Ravishankar Nagar
Bhopal (Mahdy Pradesh) 462016



Signature
29/04/26

Subject: - Compliance Information regarding Fly Ash Utilization for FY 2025-2026 for FY 2025-26

Dear Sir,

Please find the attached annual implementation report (April-2025 to March-2026) as per fly ash gazette notification of MINISTRY OF ENVIRONMENT FOREST & CLIMATE CHANGE.

Please acknowledge the receipt of the same.

Yours Truly

Thanking you,

for- Hindalco Industries Limited, Unit-Mahan Aluminium Bargawan, Singrauli (MP)

Signature
(Manoj kumar Tiwari)
Environment Cell

- 1) The Member Secretary
M.P. Pollution Control Board
E-5 Paryavaran Parisar,
Arera colony Bhopal (MP)
- ✓ 2) The Regional Officer
M.P. Pollution Control Board
Bhakuar, Naugadh,
Singrauli, (M.P.)

Hindalco Industries Limited

Corporate Office: 6th & 7th Floor, Birla Centurion, Pandurang Budhkar Marg, Worli, Mumbai — 400030, India | T: +91 22 66626666/62610555 | F: +91 22 62610400/62610500
Registered Office: 21st Floor, One Unity Center, Senapati Bapat Marg, Prabhadevi, Mumbai — 400013, India | T: +91 22 69477000 / 69477150 | F: +91 22 69477001/69477090
W: www.hindalco.com | E: hilinvestors@adityabirla.com | **Corporate ID No.:** L27020MH1958PLC011238

Ash Compliance Report (for the period 1st April 2025 to 31st March 2026)

Sl. No.	Details	
1.	Name of Power Plant	Mahan Aluminium-Captive power plant
2.	Name of the company	Hindalco Industries limited,
3.	District	Singrauli
4.	State	Madhya Pradesh
5.	Postal address for communication:	Hindalco Industries Ltd, Mahan Aluminium, NH-75-E Singrauli-Sidhi Road, P.O. Bargawan 486 886, District: Singrauli, Madhya Pradesh, India
6.	E-mail:	hindalco@adityabirla.com manoj.tiwari@adityabirla.com
7.	Power Plant installed capacity (MW):	900 MW
8.	Plant Load Factor (PLF):	71.02 %
9.	No. of units generated (MWh):	55,99,287 MWh (Gross)
10.	Total area under power plant (ha): (including area under ash ponds)	454 ha
11.	Quantity of coal consumption during reporting period (Metric Tons per Annum):	36,32,179 MT
12.	Average ash content in percentage (per cent):	34.05
13.	Quantity of current ash generation during reporting period (Metric Tons per Annum): Fly ash (Metric Tons per Annum): Bottom ash (Metric Tons per Annum):	 11,12,772 MT 1,23,641 MT
14.	Capacity of dry fly ash storage silo(s) (Metric Tons) :	2000 MT X 3
15.	Details of utilisation of current ash generated during reporting period	
	(a) Total quantity of current ash utilised (MTPA) during reporting period:	13,03,940 MT
	(b) Quantity of fly ash utilised (MTPA):	11,01,816 MT
	(i) Fly ash based products (bricks or blocks or tiles or fibre cement sheets or pipes or boards or panels)	764 MT
	(ii) Cement manufacturing:	10,55,659 MT
	(iii) Ready mix concrete:	Nil
	(iv) Ash and Geo-polymer based construction material:	Nil
	(v) Manufacturing of sintered or cold bonded ash aggregate:	Nil
	(vi) Construction of roads, road and fly over embankment:	39,323.4 MT
	(vii) Construction of dams:	Nil
	(viii) Filling up of low lying area:	Nil
	(ix) Filling of mine voids:	6,069 MT
	(x) Use in overburden dumps:	Nil
	(xi) Agriculture:	Nil
	(xii) Construction of shoreline protection structures in coastal districts;	Nil
	(xiii) Export of ash to other countries:	Nil
	(xiv) Others (please specify): Construction Activity	Nil
	(c) Quantity of bottom ash utilised (MTPA):	2,02,124 MT

	(i) Fly ash-based products (bricks or blocks or tiles or fiber cement sheets or pipes or boards or panels):	Nil	
	(ii) Cement manufacturing:	22,761 MT	
	(iii) Ready mix concrete:	Nil	
	(iv) Ash and Geo-polymer-based construction material:	Nil	
	(v) Manufacturing of sintered or cold bonded ash aggregate:	Nil	
	(vi) Construction of roads, road and fly over embankment:	11,904 MT	
	(vii) Construction of dams:	Nil	
	(viii) Filling up of low-lying area:	Nil	
	(ix) Filling of mine voids:	1,67,459 MT	
	(x) Use in overburden dumps:	Nil	
	(xi) Agriculture:	Nil	
	(xii) Construction of shoreline protection structures in coastal districts:	Nil	
	(xiii) Export of ash to other countries:	Nil	
	(xiv) Others (please specify):	Nil	
	Total quantity of current ash unutilised (MTPA) during reporting period:	NIL (Overall 5.46 % Extra utilization were done from Pond Ash based on generation during reporting period)	
16.	Percentage utilisation of current ash generated during reporting period (per cent):	105.46 %	
17.	Details of disposal of ash in ash ponds		
	(a) Total quantity of ash disposed in ash pond(s) (Metric Tons) as on 31 st March (excluding reporting period):	7,05,335MT (Pond -I)-Active	
		7,17,991 MT (Pond – II) - Active	
	(b) Quantity of ash disposed in ash pond(s) during reporting period (Metric Tons):	Pond-I: - NIL	
		Pond – II:- 1,34,598 MT	
	(c) Total quantity of water consumption for slurry discharge into ash ponds during reporting period (m ³):	2,00,733	
	(d) Total number of ash ponds:	2	
	(i) Active:	Both (Pond I & II)	
	(ii) Exhausted (yet to be reclaimed):	Not Applicable	
	(iii) Reclaimed:	Nil	
	(e) total area under ash ponds (ha):	23.738 hectare	
18.	Individual ash pond details		
	<i>Ash pond-1,2, etc (please provide below mentioned details separately, if number of ash ponds is more than one)</i>		
	(a) Status: Under construction or Active or Exhausted or Reclaimed	Ash Pond – 1 Active	Ash Pond-2 Active
	(b) Date of start of ash disposal in ash pond (DD/MM/YYYY or MM/YYYY):	04/2013	07/2019
	(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)	Not Applicable	Not Applicable
	(c) area (hectares)		
	(d) dyke height (m):	13 m	13 m
	(d) volume (m ³)	13,00,000 m ³	16,00,000 m ³
	(e) quantity of ash disposed as on 31 st March (m ³ Metric Tons):	5,41,177 MT	8,14,623 MT
	(f) available volume in percentage (per cent) and quantity of ash can be further disposed (Metric Tons):	58.37 % and 7,58,823 MT	49.09 % and 7,85,377 MT
	(g) expected life of ash pond (number of years and months):	Ash Pond I: - 5 Years	Ash Pond II: - 6 Years

	(h) co-ordinates (Lat and Long): (please specify minimum 4 co-ordinates)	Corner	Latitude	Longitude
		a)	24°14'02.1"N	82°25'35.4"E
		b)	24°14'08.2"N	82°25'22.7"E
		c)	24°14'17.0"N	82°25'04.5"E
		d)	24°14'07.3"N	82°25'04.8"E
		e)	24°14'00.2"N	82°25'21.6"E
		f)	24°13'51.8"N	82°25'30.1"E
	(i) type of lining carried in ash pond: HDPE lining or LDPE lining or clay lining or No lining	LDPE with Concrete tile		
	(j) mode of disposal: Dry disposal or wet slurry (in case of wet slurry please specify whether HCSD or MCSD or LCSD)	Wet disposal, HCSD – Fly Ash, Slurry-Bottom Ash		
	(k) Ratio of ash: water in slurry mix	67:33		
	(l) Ash water recycling system (AWRS) installed and functioning: Yes or No	Yes		
	(m) Quantity of wastewater from ash pond discharged into land or water body (m3):	Nil		
	(n) Last date when the dyke stability study was conducted and name of the organisation who conducted the study:	Last Audit done from IIT- BHU, Varanasi on 18 th December 2025 (Ref. No. IIT(BHU)/CE/2025-26/6281, Dated: 03-03-2026)		
	(o) Last date when the audit was conducted and name of the organisation who conducted the audit:	Audit was conducted on 18th December 2025, by IIT-BHU.		
19.	Quantity of legacy ash utilized (MTPA)	NA (Both Dyke in operational, hence no legacy Ash)		
	(i) Fly ash-based products (bricks or blocks or tiles or fiber cement sheets or pipes or boards or panels):	NA		
	(ii) Cement manufacturing:	NA		
	(iii) Ready mix concrete:	NA		
	(iv) Ash and Geo-polymer based construction material:	NA		
	(v) Manufacturing of sintered or cold bonded ash aggregate:	NA		
	(vi) Construction of roads, road and flyover embankment:	NA		
	(vii) Construction of dams:	NA		
	(viii) Filling up of low-lying area:	NA		
	(ix) Filling of mine voids:	NA		
	(x) Use in overburden dumps:	NA		
	(xi) Agriculture:	NA		
	(xii) Construction of shoreline protection structures in coastal districts:	NA		
	(xiii) Export of ash to other countries:	NA		
	(xiv) Others (please specify):	NA		
20.	Summary:			
	Details	Quantity generated (MTPA)	Quantity utilised (MTPA) and (per cent)	Balance quantity (MTPA) as on 31 st March 2026
	Current ash during reporting period	12,36,413 MT	13,03,940 MT and 105.45%	13,55,800
	Legacy ash	---NA---	---NA---	---NA---

	Total	12,6,413 MT	13,03,940 MT and 105.45%	13,55,800
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			
22.	Signature of Authorized Signatory		 	