ADITYA BIRLA

HINDALCO

MAP/ENV/MPPCB/2025-26/186

25 April 2025

To,
Member Secretary,
M.P. Pollution Control Board
Paryavaran Parisar E-5
Bhopal (MP)

Subject: - Submission of annual returns Form-IV of Smelter Plant for the year of 2024-25 as per Hazardous and Other Waste (Management and Transboundary Movement) Rule-2016.

Dear Sir,

Please find the enclosed annual returns (Form-IV) for the year of 2024-25 as per hazardous and other waste (Management and Transboundary) Rule-2016.

Submitted for your information and record Please.

Thanking You,

Yours Faithfully,

*for – **Hindalco Industries Limited, Unit Mahan Aluminium***

(Manoj Kumar Tiwari)
Environment Cell

Encl: As Above.

Cc: The Regional Officer
MPPCB Bhakuar Naugadh
Singrauli (MP)

FORM 4

[See rules 6(5), 13(8), 16(6) and 20 (2)]

FORM FOR FILING ANNUAL RETURNS

Year; 2024-2025

[To be submitted to State Pollution Control Board by 30th day of June of every year for the precedingperiod April to March]

1.	**Name and address of facility (Industry)**	Hindalco Industries Limited, Unit-Mahan Aluminium, Bargawan, Singrauli, (MP)
2.	**Authorization No. and Date of issue: - Consent No**	AW-59776, Validity: 31/03/2027 and AWH-54289, Validity 31/08/2026 (Auth.)
3.	**Name of the authorized person and full address with telephone, fax number and e-mail**	**Mr. Manoj Kumar Tiwari** Hindalco Industries Limited, Unit-Mahan Aluminium, NH-75E, Singrauli- Sidhi Road P.O. - Bargawan, Pin Code – 486886, Singrauli, (MP) ☎ 07805261181, Email: manoj.tiwari@adityabirla.com
4.	**Production during the year (product wise), wherever applicable**	**Metal Production: - 3,72,274 MT**

Part A.

To be filled by hazardous waste generators

1	**Total quantity of waste generated category wise**			
	Name of Hazardous Waste	**Category**	**Authorized Quantity (MT)**	**Generated Quantity (MT)**
i)	Used or Spent Oil	**5.1**	135	100.42
ii)	Wastes or Residues Containing oil	**5.2**	26	8.10
iii)	Cathode Residues Including Pot Lining Wastes	**Carbon- 11.2**	11000	4211.00
		Refractory- 11.2		4089.09
iv)	Tar Containing Waste	**11.3**	25	3.07
v)	Flue Gas Dust and other particulates	**11.4**	4200	839.36
vi)	Drosses and Waste from treatment of salt sludge	**11.5**	4550	4517.20
vii)	Used Anode Butts	**11.6**	52000	51,917.34
viii)	Empty Barrels/ Containers / Liners Contaminated with Hazardous Chemicals /Wastes	**33.1**	10	9.96
ix)	Contaminated Cotton Rags or other Cleaning Materials	**33.2**	70	8.15

x)	Spent Ion Exchange Resins containing Toxic Metals	**35.2**	35	0.00
xi)	Chemical Sludge from Waste Water Treatment	**35.3**	100	97.50
xii)	Fluoride	**Sch II A72**	45	0.00
xiii)	Discarded Asbestos	**15.2**	20	0.00
2	**Quantity dispatched**			
	(i) To disposal facility: -			
	Name of Hazardous Waste	**Category**	**Dispatch Quantity (MT)**	
	Flue Gas Dust and other particulates	**11.4**	0.00	
	Chemical Sludge From Waste Water Treatment	**35.3**	0.00	
	Fluoride	**Sch II A72**	0.00	
	Discarded Asbestos	**15.2**	0.00	
	Spent Ion Exchange Resins containing Toxic Metals	**35.2**	0.00	
	Wastes or Residues Containing oil	**5.2**	0.00	
	Empty Barrels/ Containers/ Liners Contaminated with Hazardous Chemicals/ Waste	**33.1**	0.078	
	(ii) To recycler or co-processors or pre-processor			
	Name of Hazardous Waste	**Category**	**Dispatch Quantity (MT)**	
	Used or Spent Oil	**5.1**	89.38	
	Flue Gas Dust and other particulates	**11.4**	2979.07	
	Cathode Residues Including Pot Lining Wastes	**Carbon- 11.2**	3657.78	
		Refractory- 11.2	4280.64	
	Drosses and Waste from treatment of salt sludge	**11.5**	4442.64	
	*Empty Barrels/ Containers / Liners Contaminated With Hazardous Chemicals /Wastes	**33.1**	7.22	
	Contaminated Cotton Rags or other Cleaning Materials	**33.2**	0.00	
	Wastes or Residues Containing oil	**5.2**	0.00	
	Chemical Sludge From Waste Water Treatment	**35.3**	100.33	
	*Used for filling of the Used oil and sent to recycler when dispatched used oil.			
	(iii) others: -			
	Name of Hazardous Waste	**Category**	**Authorized Quantity**	**Dispatch Quantity**
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3	Quantity utilized in-house, if any –		
	Name of Hazardous Waste	**Category**	**Utilized Quantity (MT)**
	Tar Containing Waste	**11.3**	6.00
	Flue Gas Dust and other particulates	**11.4**	622.05
	Used Anode Butts	**11.6**	50692.97
4	**Quantity in storage at the end of the year**		
	Name of Hazardous Waste	**Category**	**Storage Quantity**
i)	Used or Spent Oil	**5.1**	22.57
ii)	Wastes or Residues Containing oil	**5.2**	9.79
iii)	Cathode Residues Including Pot Lining Wastes	**Carbon- 11.2**	656.35
		Refractory- 11.2	711.66
iv)	Tar Containing Waste	**11.3**	0.02
v)	Flue Gas Dust and other particulates	**11.4**	1752.59
vi)	Drosses and Waste from treatment of salt sludge	**11.5**	154.03
vii)	Used Anode Butts	**11.6**	1881.46
viii)	Empty Barrels/ Containers / Liners Contaminated With Hazardous Chemicals /Wastes	**33.1**	18.35
ix)	Contaminated Cotton Rags or other Cleaning Materials	**33.2**	150.42
x)	Spent Ion Exchange Resins containing Toxic Metals	**35.2**	0.00
xi)	Chemical Sludge from Waste Water Treatment	**35.3**	0.59
xii)	Fluoride	**Sch II A72**	0.28
xiii)	Discarded Asbestos	**15.2**	0.00
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Part B.
To be filled by Treatment, storage and disposal facility operators

1	Total quantity received		
	Name of Hazardous Waste	**Category**	**received Quantity**
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2	**Quantity in stock at the beginning of the year**		

	Name of Hazardous Waste	Category	Quantity Stock
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3	Quantity treated in the year 2024-25		
	Name of Hazardous Waste	Category	treated Quantity
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4	Quantity disposed in landfills as such and after treatment		
	Name of Hazardous Waste	Category	Quantity disposed in landfills
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	----	----	----
5	Quantity incinerated (if applicable)		
	Name of Hazardous Waste	Category	Quantity incinerated
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	----	----	----
6	Quantity processed other than specified above		
	Name of Hazardous Waste	Category	Quantity processed
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7	Quantity in storage at the end of the year 2024-2025 (up to 31st march)		
	Name of Hazardous Waste	Category	Quantity in storage
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Part C.
To be filled by recyclers or co-processors or other users

1	Quantity of waste received during the year 2024-25		
	Name of Hazardous Waste	Category	Quantity received
	(i) Domestic sources: -	----	----
	(ii) imported (if applicable): -	----	----
2	Quantity in stock at the beginning of the year		----

	Name of Hazardous Waste	Category	Quantity in stock
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3	Quantity recycled or co-processed or used			
	Name of Hazardous Waste	Category	Quantity recycled	Quantity co-processed
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4	Quantity of products dispatched (wherever applicable)		
	Name of Hazardous Waste	Category	Quantity dispatched
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5	Quantity of waste generated		
	Name of Hazardous Waste	Category	waste generated
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6	Quantity of waste disposed		
	Name of Hazardous Waste	Category	waste disposed
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7	Quantity re-exported (wherever applicable)-		
	Name of Hazardous Waste	Category	Quantity re-exported
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8	Quantity in storage at the end of the year		
	Name of Hazardous Waste	Category	Quantity in storage
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Signature of the Occupier or Operator of the disposal facility