ADITYA BIRLA

HINDALCO

MAP/ENV/MPPCB/2025-26/185

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 CPP 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)

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

FORM FOR FILING ANNUAL RETURNS

YEAR; 2024-25

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

1.	**Name and address of facility (Industry)**	**M/s. Hindalco Industries Limited, Mahan Aluminium, (Captive Power Plant) Kh. No. 750,751,733, D/86, Barainia, Village: Bargawan, Tal : Devsar, Dist : Singrauli (M.P.)- 486886**	
2.	**Authorization No. and Date of issue: - Consent No**	AW-59196, Validity: 30/11/2024 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 Kh. No. 750,751,733, D/86, Barainia, Village: Bargawan, Tal : Devsar, Dist : Singrauli (M.P.)- 486886 ☎ 07805261181, 8657004125 Email: manoj.tiwari@adityabirla.com	
4.	**Production during the year (product wise), wherever applicable**	**Capacity as CTO**	**Power Production**
		900 MW	638.64 MW

Part A.
To be filled by hazardous waste generators

"Since the CTO for the Captive Power Plant was separated in the middle of the financial year (FY 2024–25), but the Hazardous Waste (HW) authorization remains common for both plants, we have prepared a single annual return covering both. The Hazardous Waste data is as follows: -

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