



MAP/ENV/HW/MPPCB/2026-27/312

27 June 2026

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 2025-26 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 2025-26 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*

A handwritten signature in blue ink, appearing to be "Manoj Kumar Tiwari".

(Manoj Kumar Tiwari)  
Environment Cell

Encl: As Above.

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

**Hindalco Industries Limited**

**Corporate Office:** 6<sup>th</sup> & 7<sup>th</sup> Floor, Birla Centurion, Pandurang Budhkar Marg, Worli, Mumbai – 400030, India | T: +91 22 66626666/62610555 | F: +91 22 62610400/62610500  
**Registered Office:** 21<sup>st</sup> 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](http://www.hindalco.com) | E: [hiinvestors@adityabirla.com](mailto:hiinvestors@adityabirla.com) | **Corporate ID No.:** L27020MH1958PLC011238

**FORM 4**

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

**FORM FOR FILING ANNUAL RETURNS****Year; 2025-26**

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

|    |                                                                                             |                                                                                                                                                                                                                                                                                  |
|----|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | <b>Name and address of facility (Industry)</b>                                              | Hindalco Industries Limited, Unit-Mahan Aluminium, Bargawan, Singrauli, (MP)                                                                                                                                                                                                     |
| 2. | <b>Authorization No. and Date of issue: - Consent No</b>                                    | AW-59776, Validity: 31/03/2027 and H-63803 Validity 31/12/2030 (Auth.)                                                                                                                                                                                                           |
| 3. | <b>Name of the authorized person and full address with telephone, fax number and e-mail</b> | <b>Mr. Manoj Kumar Tiwari</b><br>Hindalco Industries Limited, Unit-Mahan Aluminium, NH-75E, Singrauli- Sidhi Road P.O. - Bargawan, Pin Code – 486886, Singrauli, (MP)<br>☎ 07805261181,<br>Email: <a href="mailto:manoj.tiwari@adityabirla.com">manoj.tiwari@adityabirla.com</a> |
| 4. | <b>Production during the year (product wise), wherever applicable</b>                       | <b>Metal Production: - 375328.38 MT</b>                                                                                                                                                                                                                                          |

**Part A.****To be filled by hazardous waste generators**

| 1     | <b>Total quantity of waste generated category wise</b>                           |                  |                                 |                                |
|-------|----------------------------------------------------------------------------------|------------------|---------------------------------|--------------------------------|
|       | <b>Name of Hazardous Waste</b>                                                   | <b>Category</b>  | <b>Authorized Quantity (MT)</b> | <b>Generated Quantity (MT)</b> |
| i)    | Used or Spent Oil                                                                | 5.1              | 135                             | 91.67                          |
| ii)   | Wastes or Residues Containing oil                                                | 5.2              | 26                              | 6.89                           |
| iii)  | Cathode Residues Including Pot Lining Wastes                                     | Carbon- 11.2     | 11000                           | 4033.05                        |
|       |                                                                                  | Refractory- 11.2 |                                 | 3546.66                        |
| iv)   | Tar Containing Waste                                                             | 11.3             | 25                              | 7.30                           |
| v)    | Flue Gas Dust and other particulates                                             | 11.4             | 4200                            | 3003.92                        |
| vi)   | Drosses and Waste from treatment of salt sludge                                  | 11.5             | 4550                            | 4831.85                        |
| vii)  | Used Anode Butts                                                                 | 11.6             | 52000                           | 52726.62                       |
| viii) | Empty Barrels/ Containers / Liners Contaminated with Hazardous Chemicals /Wastes | 33.1             | 10                              | 19.66                          |
| ix)   | Contaminated Cotton Rags or other Cleaning Materials                             | 33.2             | 70                              | 4.82                           |

|                                                                                  |                                                                                   |                  |                        |                   |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|------------------------|-------------------|
| x)                                                                               | Spent Ion Exchange Resins containing Toxic Metals                                 | 35.2             | 35                     | 0.00              |
| xi)                                                                              | Chemical Sludge from Waste Water Treatment                                        | 35.3             | 100                    | 99.30             |
| 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             | 3813.15                |                   |
|                                                                                  | 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             | 0.00                   |                   |
| (ii) To recycler or co-processors or pre-processor                               |                                                                                   |                  |                        |                   |
|                                                                                  | Name of Hazardous Waste                                                           | Category         | Dispatch Quantity (MT) |                   |
|                                                                                  | Used or Spent Oil                                                                 | 5.1              | 100.45                 |                   |
|                                                                                  | Flue Gas Dust and other particulates                                              | 11.4             | 907.26                 |                   |
|                                                                                  | Cathode Residues Including Pot Lining Wastes                                      | Carbon- 11.2     | 4187.38                |                   |
|                                                                                  |                                                                                   | Refractory- 11.2 | 3749.64                |                   |
|                                                                                  | Drosses and Waste from treatment of salt sludge                                   | 11.5             | 4438.84                |                   |
|                                                                                  | *Empty Barrels/ Containers / Liners Contaminated With Hazardous Chemicals /Wastes | 33.1             | 17.32                  |                   |
|                                                                                  | Contaminated Cotton Rags or other Cleaning Materials                              | 33.2             | 2.84                   |                   |
|                                                                                  | Wastes or Residues Containing oil                                                 | 5.2              | 8.06                   |                   |
|                                                                                  | Chemical Sludge From Waste Water Treatment                                        | 35.3             | 47.39                  |                   |
| *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 |
|                                                                                  | ----                                                                              | ----             | ----                   | ----              |

|          |                                                                                  |                  |                               |
|----------|----------------------------------------------------------------------------------|------------------|-------------------------------|
| <b>3</b> | <b>Quantity utilized in-house, if any –</b>                                      |                  |                               |
|          | <b>Name of Hazardous Waste</b>                                                   | <b>Category</b>  | <b>Utilized Quantity (MT)</b> |
|          | Tar Containing Waste                                                             | 11.3             | 6.61                          |
|          | Flue Gas Dust and other particulates                                             | 11.4             | 0.00                          |
|          | Used Anode Butts                                                                 | 11.6             | 48807.63                      |
| <b>4</b> | <b>Quantity in storage at the end of the year</b>                                |                  |                               |
|          | <b>Name of Hazardous Waste</b>                                                   | <b>Category</b>  | <b>Storage Quantity</b>       |
| i)       | Used or Spent Oil                                                                | 5.1              | 13.79                         |
| ii)      | Wastes or Residues Containing oil                                                | 5.2              | 8.62                          |
| iii)     | Cathode Residues Including Pot Lining Wastes                                     | Carbon- 11.2     | 502.02                        |
|          |                                                                                  | Refractory- 11.2 | 508.68                        |
| iv)      | Tar Containing Waste                                                             | 11.3             | 0.71                          |
| v)       | Flue Gas Dust and other particulates                                             | 11.4             | 36.10                         |
| vi)      | Drosses and Waste from treatment of salt sludge                                  | 11.5             | 547.04                        |
| vii)     | Used Anode Butts                                                                 | 11.6             | 5800.44                       |
| viii)    | Empty Barrels/ Containers / Liners Contaminated With Hazardous Chemicals /Wastes | 33.1             | 9.56                          |
| ix)      | Contaminated Cotton Rags or other Cleaning Materials                             | 33.2             | 152.40                        |
| x)       | Spent Ion Exchange Resins containing Toxic Metals                                | 35.2             | 0.00                          |
| xi)      | Chemical Sludge from Waste Water Treatment                                       | 35.3             | 52.50                         |
| xii)     | Fluoride                                                                         | Sch II A72       | 0.28                          |
| xiii)    | Discarded Asbestos                                                               | 15.2             | 0.00                          |
|          | ----                                                                             | ----             | ----                          |
|          | ----                                                                             | ----             | ----                          |

**Part B.**

**To be filled by Treatment, storage and disposal facility operators**

|          |                                                       |                 |                          |
|----------|-------------------------------------------------------|-----------------|--------------------------|
| <b>1</b> | <b>Total quantity received</b>                        |                 |                          |
|          | <b>Name of Hazardous Waste</b>                        | <b>Category</b> | <b>received Quantity</b> |
|          | ----                                                  | ----            | ----                     |
|          | ----                                                  | ----            | ----                     |
| <b>2</b> | <b>Quantity in stock at the beginning of the year</b> |                 |                          |

|   |                                                                                   |          |                                |
|---|-----------------------------------------------------------------------------------|----------|--------------------------------|
|   | Name of Hazardous Waste                                                           | Category | Quantity Stock                 |
|   | ----                                                                              | ----     | ----                           |
|   | ----                                                                              | ----     | ----                           |
| 3 | Quantity treated in the year 2025-26                                              |          |                                |
|   | Name of Hazardous Waste                                                           | Category | treated Quantity               |
|   | ----                                                                              | ----     | ----                           |
|   | ----                                                                              | ----     | ----                           |
| 4 | Quantity disposed in landfills as such and after treatment                        |          |                                |
|   | Name of Hazardous Waste                                                           | Category | Quantity disposed in landfills |
|   | ----                                                                              | ----     | ----                           |
|   | ----                                                                              | ----     | ----                           |
| 5 | Quantity incinerated (if applicable)                                              |          |                                |
|   | Name of Hazardous Waste                                                           | Category | Quantity incinerated           |
|   | ----                                                                              | ----     | ----                           |
|   | ----                                                                              | ----     | ----                           |
| 6 | Quantity processed other than specified above                                     |          |                                |
|   | Name of Hazardous Waste                                                           | Category | Quantity processed             |
|   | ----                                                                              | ----     | ----                           |
|   | ----                                                                              | ----     | ----                           |
| 7 | Quantity in storage at the end of the year 2025-26 (up to 31 <sup>st</sup> march) |          |                                |
|   | Name of Hazardous Waste                                                           | Category | Quantity in storage            |
|   | ----                                                                              | ----     | ----                           |
|   | ----                                                                              | ----     | ----                           |

### Part C.

To be filled by recyclers or co-processors or other users

|   |                                                    |          |                   |
|---|----------------------------------------------------|----------|-------------------|
| 1 | Quantity of waste received during the year 2025-26 |          |                   |
|   | Name of Hazardous Waste                            | Category | Quantity received |
|   | (i) Domestic sources: -                            | ----     | ----              |
|   | (ii) imported (if applicable): -                   | ----     | ----              |
| 2 | Quantity in stock at the beginning of the year     |          | ----              |

|          |                                                              |                 |                             |                              |
|----------|--------------------------------------------------------------|-----------------|-----------------------------|------------------------------|
|          | <b>Name of Hazardous Waste</b>                               | <b>Category</b> | <b>Quantity in stock</b>    |                              |
|          | ----                                                         | ----            | ----                        |                              |
|          | ----                                                         | ----            | ----                        |                              |
| <b>3</b> | <b>Quantity recycled or co-processed or used</b>             |                 |                             |                              |
|          | <b>Name of Hazardous Waste</b>                               | <b>Category</b> | <b>Quantity recycled</b>    | <b>Quantity co-processed</b> |
|          | ----                                                         | ----            | ----                        |                              |
|          | ----                                                         | ----            | ----                        |                              |
| <b>4</b> | <b>Quantity of products dispatched (wherever applicable)</b> |                 |                             |                              |
|          | <b>Name of Hazardous Waste</b>                               | <b>Category</b> | <b>Quantity dispatched</b>  |                              |
|          | ----                                                         | ----            | ----                        |                              |
|          | ----                                                         | ----            | ----                        |                              |
| <b>5</b> | <b>Quantity of waste generated</b>                           |                 |                             |                              |
|          | <b>Name of Hazardous Waste</b>                               | <b>Category</b> | <b>waste generated</b>      |                              |
|          | ----                                                         | ----            | ----                        |                              |
|          | ----                                                         | ----            | ----                        |                              |
| <b>6</b> | <b>Quantity of waste disposed</b>                            |                 |                             |                              |
|          | <b>Name of Hazardous Waste</b>                               | <b>Category</b> | <b>waste disposed</b>       |                              |
|          | ----                                                         | ----            | ----                        |                              |
|          | ----                                                         | ----            | ----                        |                              |
| <b>7</b> | <b>Quantity re-exported (wherever applicable)-</b>           |                 |                             |                              |
|          | <b>Name of Hazardous Waste</b>                               | <b>Category</b> | <b>Quantity re-exported</b> |                              |
|          | ----                                                         | ----            | ----                        |                              |
|          | ----                                                         | ----            | ----                        |                              |
| <b>8</b> | <b>Quantity in storage at the end of the year</b>            |                 |                             |                              |
|          | <b>Name of Hazardous Waste</b>                               | <b>Category</b> | <b>Quantity in storage</b>  |                              |
|          | ----                                                         | ----            | ----                        |                              |
|          | ----                                                         | ----            | ----                        |                              |

  
 Signature of the Occupier or Operator of the disposal facility