



Ref.:AA/E&S/SW/2022/806

Date: 10/06/2021

To

The Regional Officer  
State Pollution Control Board, Odisha  
Plot No.1070, Hospital Road, Modipara,  
Sambalpur - 768 002

Sub.: Submission of Annual Report (First-Aid Centre) under Biomedical Waste Management Rule 2016 for the period January - 2021 to December - 2021

Ref.: BMW Autho. Letter No.730/IV-BMW-44/15-16 dated 16/02/2017

Dear Sir,

With reference to the above subject, please find attached herewith Annual Report under Biomedical Waste Management Rules, 2016 in Form - IV for the year 2021 (Jan - 2021 to Dec - 2021).

Please acknowledge receipt of the letter.

Thanking you,

Yours faithfully,  
For Aditya Aluminium

*Sameer Nayak*  
(Sameer Nayak)  
President & Unit Head

Encl.: As above

Copy to: The Member Secretary, State Pollution Control Board Odisha,

Hindalco Industries Limited

Aditya Aluminium: At/P.O.: Lapanga - 768 212, District: Sambalpur, Odisha, India  
T: +91 663 2536 247 | Fax: +91 663 2536 499 | E: hindalco@adityabirla.com | W: www.hindalco.com  
Registered Office: Ahura Centre, 1st Floor, B-Wing, Mahakali Caves Road, Andheri (East), Mumbai 400 093  
Tel: +91 22 6691 7000 | Fax: + 91 222 6691 7001  
Corporate ID No.: L27020MH1958PLC011238

**Form - IV****(See rule 13)****ANNUAL REPORT**

[To be submitted to the prescribed authority on or before 30<sup>th</sup> June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

| Sl. No | Particulars  |  |
|--------|--|--|
| 1      | Particulars of the Occupier  |  |
|        | (i) Name of the authorised person (occupier or operator of facility)                     | Mr. Sameer Nayak   |
|        | ii) Name of HCF or CBMWTF  | First-Aid Centre   |
|        | (iii) Address for correspondence   | Aditya Aluminium (A Unit of Hindalco Industries Limited), At/Po- Lapanga, Dist. – Sambalpur, Odisha, Pin 768212      |
|        | (iv) Address of Facility   | Aditya Aluminium (A Unit of Hindalco Industries Limited), At/Po- Lapanga, Dist. – Sambalpur, Odisha, Pin 768212      |
|        | (v) Tel. No, Fax. No   | Tel. No. +91663 2536247/Fax - +91 663 2536499  |
|        | (vi) E-mail ID   | <a href="mailto:r.lenka@adityabirla.com">r.lenka@adityabirla.com</a>   |
|        | (vii) URL of Website   | <a href="http://www.hindalco.com">www.hindalco.com</a>   |
|        | (viii) GPS coordinates of HCF or CBMWTF  | Latitude:- 21 degree 44' 08"N<br>Longitude:-84 degree 03' 18"E   |
|        | (ix) Ownership of HCF or CBMWTF  | Aditya Aluminium   |
|        | (x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules | Authorisation Order no 29, Vied letter no.: 730/IV-BMW-44/15-16 dated 16.02.2017<br>Valid till further order of SPCB |
|        | (xi). Status of Consents under Water Act and Air Act                                     | Valid up to: 31.03.2023  |
| 2      | Type of Health Care Facility   | First-Aid Centre   |
|        | (i) Bedded Hospital  | No. of Beds.: NIL  |

|   |  |   |             |                 |  |
|---|--|---|-------------|-----------------|--|
|   | (ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other) | First-Aid Centre  |             |                 |  |
|   | (iii) License number and its date of expiry  | NA  |             |                 |  |
| 3 | Details of CBMWTF  | Not Applicable  |             |                 |  |
|   | (i) Number healthcare facilities covered by CBMWTF   | Not Applicable  |             |                 |  |
|   | (ii) No of beds covered by CBMWTF  | Not Applicable  |             |                 |  |
|   | iii) Installed treatment and disposal capacity of CBMWTF   | Not Applicable  |             |                 |  |
|   | (iv) Quantity of biomedical waste treated or disposed by CBMWTF  | Not Applicable  |             |                 |  |
| 4 | Quantity of waste generated or disposed in Kg per annum (on monthly average basis)   | Yellow Category: 8.184 kg/annum<br>Red Category : 7.954 kg/annum<br>White : 0.013004 kg/annum<br>Blue Category : 1.264 kg/annum<br>General Solid waste: Not Applicable  |             |                 |  |
| 5 | Details of the Storage, treatment, transportation, processing and Disposal Facility  | Segregation-Weight-Autoclave-Storage/Dispose by deep burial   |             |                 |  |
|   | (i) Details of the on-site storage facility  | Not Applicable<br>(BMW generated from First-Aid Centre health care centre is being dispose by deep burial)<br><br>Size : Not Applicable<br>Capacity : Not Applicable<br>Provision of on-site storage: No storage Facility |             |                 |  |
|   | ii) Disposal facilities  | Type of treatment equipment   | No of units | Capacity Kg/day | Quantity Treated or disposed in kg Per annum |
|   |  | i. Incinerators   |             |                 |  |

|   |   |  |  |  |                |
|---|---|--|--|--|----------------|
|   |   | <ul style="list-style-type: none"> <li>ii. Plasma Pyrolysis</li> <li>iii. Autoclaves</li> <li>iv. Microwave</li> <li>v. Hydroclave</li> <li>vi. Shredder</li> <li>vii. Needle tip cutter or destroyer</li> <li>viii. Sharps</li> <li>ix. encapsulation or</li> <li>x. concrete pit</li> <li>xi. Deep burial pits:</li> <li>xii. Chemical disinfection:</li> <li>xiii. Any other treatment</li> <li>xiv. equipment:</li> <li>xv.</li> </ul> |  |  | Not Applicable |
|   | (iii) Quantity of recyclable wastes sold to authorize recyclers after treatment in kg per annum.                            | Not Applicable   |  |  |                |
|   | (iv) No of vehicles used for collection and transportation of biomedical waste  | Not Applicable   |  |  |                |
|   | (v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum        | Not Applicable   |  |  |                |
|   | (vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of:                 | Not Applicable   |  |  |                |
|   | (vii) List of member HCF not handed over bio-medical waste.   | Not Applicable   |  |  |                |
| 6 | Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period | Not required   |  |  |                |
| 7 | Details trainings conducted on  | Quarterly Conducted  |  |  |                |

|    |   |   |
|----|---|---|
|    | <b>BMW</b>  |   |
|    | (i) Number of trainings conducted on BMW Management.  | 04/Year   |
|    | (ii) number of personnel trained  | 16  |
|    | (iii) number of personnel trained at the time of induction  | All new joinees   |
|    | (iv) number of personnel not undergone any training so far  | Nil   |
|    | (v) Whether standard manual for training is available?  | Yes   |
|    | (vi) any other information)   |   |
| 8  | Details of the accident occurred during the year  | Nil   |
|    | (i) Number of Accidents occurred  | Nil   |
|    | (ii) Number of the persons affected   | Nil   |
|    | (iii) Remedial Action taken (Please attach details if any)  | Not Applicable  |
|    | (iv) Any Fatality occurred, details   | Nil   |
| 9  | Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards? | Not Applicable  |
|    | Details of Continuous online emission monitoring systems installed  | Not Applicable  |
| 10 | Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?               | A very few quantity liquid waste generated, that's disinfected by 10% hypochlorite solution |
| 11 | Is the disinfection method or sterilization meeting the log 4   | Yes, we meet the log 4 standard at all times.   |

|    |   |   |
|----|---|---|
|    | standards? How many times you have not met the standards in a year? |   |
| 12 | Any other relevant information                                      | It is a first-aid centre inside the factory premises of Aditya Aluminium, the bio-medical waste generated is being dispose by deep burial |

Certified that the above report is for the period from: 01/01/2021 to 31/12/2021



Dr. Ranjan Lenka

Name and Signature of the Head of the Institution

Date: 10/06/2022  
Place Lapanga

**Dr. Ranjan Kumar Lenka**  
**Chief Medical Officer**  
**Aditya Aluminium**  
**Lapanga, Sambalpur-768212**

FORM - I

[ (See rule 4(o), 5(i) and 15 (2))

ACCIDENT REPORTING

|    |   |     |
|----|---|-----|
| 1  | Date and time of accident :   | Nil |
| 2  | Type of Accident :  | Nil |
| 3  | Sequence of events leading to accident :  | Nil |
| 4  | Has the Authority been informed immediately:                                    | NA  |
| 5  | The type of waste involved in accident :  | NA  |
| 6  | Assessment of the effects of the accidents on human health and the environment: | NA  |
| 7  | Emergency measures taken :  | NA  |
| 8  | Steps taken to alleviate the effects of accidents :                             | NA  |
| 9  | Steps taken to prevent the recurrence of such an accident :                     | NA  |
| 10 | Does your facility has an Emergency Control policy? If yes give details:        | NA  |

Date: 10/06/2022....

Place: Lapanga.....

  
Dr. Ranjan Lenka

Signature

Designation

**Dr. Ranjan Kumar Lenka**  
**Chief Medical Officer**  
**Aditya Aluminium**  
**Lapanga, Sambalpur-768212**

**Category wise Bio-Medical waste generated & disposed from  
First-Aid Centre in 2021**

| <b>Category</b> | <b>Yellow</b> | <b>Red</b>    | <b>White</b>  | <b>Blue</b>   |
|-----------------|---------------|---------------|---------------|---------------|
| <b>Unit</b>     | <b>Kg</b>     | <b>Kg</b>     | <b>Kg</b>     | <b>Kg</b>     |
| <b>Jan-21</b>   | 0.1340        | 0.9130        | 0.0002        | 0.0630        |
| <b>Feb-21</b>   | 0.1000        | 0.5700        | 0.0002        | 0.0230        |
| <b>Mar-21</b>   | 0.3740        | 1.8940        | 0.0044        | 0.1200        |
| <b>Apr-21</b>   | 0.2520        | 0.7540        | 0.0003        | 0.0980        |
| <b>May-21</b>   | 0.1260        | 0.8100        | 0.0002        | 0.0910        |
| <b>Jun-21</b>   | 0.1200        | 0.6540        | 0.0001        | 0.0480        |
| <b>Jul-21</b>   | 0.3010        | 2.3590        | 0.0046        | 0.0690        |
| <b>Aug-21</b>   | 2.4660        | 0.0000        | 0.0006        | 0.0002        |
| <b>Sep-21</b>   | 0.8560        | 0.0000        | 0.0013        | 0.1600        |
| <b>Oct-21</b>   | 1.3870        | 0.0000        | 0.0005        | 0.2830        |
| <b>Nov-21</b>   | 0.8870        | 0.0000        | 0.0004        | 0.1570        |
| <b>Dec-21</b>   | 1.1810        | 0.0000        | 0.0002        | 0.1520        |
| <b>Total</b>    | <b>8.1840</b> | <b>7.9540</b> | <b>0.0130</b> | <b>1.2642</b> |