

Ref. No: HILS/HKD/2024-25/280

17th June 2024

To,
The Member Secretary
State Pollution Control Board, Odisha
'Paribesh Bhawan'
A/118, Nilakanthanagar,
Unit- VIII,
BHUBANESWAR - 751 012.

Sub: Annual Report on Biomedical Waste Management of Our Health Care Centre at Hirakud for the Year 2023.

Ref: BMW Authorization no.- 2637/ IND-IV-BW-2838, dated 14.03.2019


Dear Sir,

With reference to the above please find enclosed herewith the Annual Report on Biomedical Waste Management of our Health Care Centre at Hirakud for the year 2023 under Biomedical Waste Management Rules, 2016.

Thanking You,

Yours truly,

Encl.: As above


Pratap Sahu
Plant Head – Smelter Hirakud

Copy to: The Regional Officer, State Pollution Control Board, Odisha, Plot No. – 1070,
Hospital Road, Modi Para, SAMBALPUR - 768 002

Hindalco Industries Limited

Hirakud Complex, Hirakud - 768 016, District : Sambalpur, Odisha, India

T : +91663 2481307 / 2481273 / 2481295 | Fax : +91 663 2481356 / 2481342 | E : hindalco@adityabirla.com

W : www.hindalco.com

Registered Office : 21st Floor, One International Center, Tower 4, Senapati Bapat Marg,
Prabhadevi, Mumbai 400013

Corporate ID No.: L27020MH1958PLC011238

Form - IV
(See rule 13)
ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th 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)	:	Dr. Subrata Chatterjee. Chief Medical Officer
	(ii) Name of HCF	:	Smelter Dispensary & Health Care Centre
	(iii) Address for Correspondence	:	M/s HINDALCO INDUSTRIES LTD. At/PO: - HIRAKUD, Dist.: - Sambalpur, Odisha, 768016
	(iv) Address of Facility	:	Main Colony, M/s Hindalco Industries Ltd At/PO - Hirakud, Dist.: - Sambalpur, Odisha, 768016
	(v) Tel. No, Fax. No	:	0663-2481307, 0663-2481356
	(vi) E-mail ID	:	hirakud.e@adityabirla.com
	(vii) URL of Website	:	www.hindalco.com
	(viii) GPS coordinates of HCF or CBMWTF	:	
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other): Private
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No. 2637/ IND-IV-BW-2838 Date 14.03.2019 Valid up to 31.03.2024.
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: No. 4625/IND-I-CON-32 Date; 01.04.2023 Valid up to 31.03.2028
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds:10
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	Not Applicable

	(iii) License number and its date of expiry		05/2020 date of issue: 27/10/2020 Valid up to: 18/02/2025			
3.	Details of CBMWTF	:	M/s. Mediaid Marketing Services, having registered office at 703, 7 th Floor, Utkal Signature, Pahal, Bhubaneswar -752101, & CBWTDF at Amasranga, Dist.: Sundargarh.			
	(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: 82.245 Kg			
		:	Red Category: 83.735 Kg			
		:	White Category: 4.472Kg			
		:	Blue Category: 7.194 Kg			
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility					
	(i) Details of the on-site storage facility	:	Size: Not Applicable			
		:	Capacity: Not Applicable			
		:	Provision of on-site storage: (cold storage or any other provision): Not Applicable			
	(ii) Disposal facilities		Type of treatment equipment	No of units	Capacity Kg/day	Quantity Treated or disposed (kg/annum)
			Incinerators	During the period of Jan 2023 to Dec 2023, 177.646 Kg of BMW disposed to M/s Mediaid Marketing Services for disposal. Details enclosed for reference.		
			Plasma Pyrolysis			
			Autoclaves			
			Microwave			
			Hydroclave			
		Shredder				
		Needle tip cutter or destroyer				
		Sharps Encapsulation or concrete pit				
		Deep burial pits:				
	Chemical disinfection:					

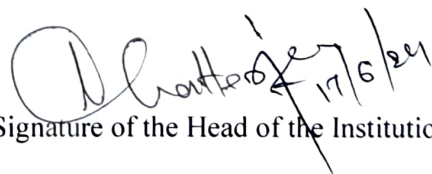
		Any other treatment equipment:										
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	:	Total 177.646 Kg of BMW disposed to M/s Mediaid Marketing Services for disposal									
	(iv) No of vehicles used for collection and transportation of biomedical waste	:	Not Applicable									
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	<table border="0"> <tr> <td></td> <td>Quantity generated</td> <td>Where disposed</td> </tr> <tr> <td>Incineration Ash</td> <td></td> <td>Not Applicable</td> </tr> <tr> <td>ETP Sludge</td> <td></td> <td></td> </tr> </table>		Quantity generated	Where disposed	Incineration Ash		Not Applicable	ETP Sludge		
	Quantity generated	Where disposed										
Incineration Ash		Not Applicable										
ETP Sludge												
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	M/s. Mediaid Marketing Services, Baramunda, Bhubaneswar. In the premises of Rourkela Govt. Hospital Campus, Rourkela, Dist: Sundargarh									
	(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	:	No									
7.	Details trainings conducted on BMW	:										
	(i) Number of trainings conducted on BMW Management.	:	01									
	(ii) number of personnel trained	:	15									
	(iii) number of personnel trained at the time of induction	:	00									
	(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	No
	(i) Number of Accidents occurred	Not Applicable
	(ii) Number of the persons affected	Not Applicable
	(iii) Remedial Action taken (Please attach details if any)	Not Applicable
	(iv) Any Fatality occurred, details.	Not Applicable
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?	Not Applicable
	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	Not Applicable
	Any other relevant information	:

Certified that the above report is for the period from: **JANUARY 2023 to DECEMBER-2023**

Date: 17.06.2024
Place: Hirakud

Name and Signature of the Head of the Institution

 17/6/24

Dr. Subrata Chatterjee
MBBS, PGDM, Family Medicine
Regd. No.11282
Assistant Vice President-Medical Services
Hindalco Industries Limited, Hirakud
Mob. No.9887480218
subrata.chatterjee@adityabirla.com

Month	Sharp waste (White)	Infectious Quantity (RED)	Human Anatomical Waste (yellow)	Glass Ware (Blue)	Total in gm
Jan-23	393	7444	6730	462	15029
Feb-23	408	6151	6181	454	13194
Mar-23	418	6867	6937	506	14728
Apr-23	234	6387	6667	535	13823
May-23	261	6771	6820	549	14401
Jun-23	349	6609	6924	634	14516
Jul-23	440	6941	7375	689	15445
Aug-23	403	8955	7273	712	17343
Sep-23	312	6724	6640	721	14397
Oct-23	446	6921	6975	568	14910
Nov-23	361	6891	6840	670	14762
Dec-23	447	7074	6883	694	15098
Total	4472	83735	82245	7194	177646

4.472

83.735

82.245

7.194

177.646