



Ref: UAIL-Mines/BBM/31/2023

22nd June 2023

To

The Member secretary  
State Pollution Control Board, Odisha  
Parivesh Bhawan, A/118  
Nilakanthanagar, unit- VIII  
Bhubaneswar- 751012

**Sub: Submission of Annual return for Bio-medical Waste as per “The Bio-Medical Waste Management Rules, 2016 for the period January 2022 to December 2022.**

Sir

Please find enclosed herewith the Annual return for Biomedical Waste in Form-IV as per “**The Bio-Medical Waste Management Rules, 2016**” under E (P) Act, 1986 in respect of our Baphlimali Bauxite Mines of M/s Utkal Alumina International limited for the period January 2022 to December 2022.

This is for your kind information and perusal.

Yours faithfully,  
For Utkal Alumina International Limited

A handwritten signature in blue ink, appearing to read 'Mukesh Jha'.

Mukesh Kumar Jha

**Head- Mines**  
**Baphlimali Bauxite Mine**

Encl: As Above

Copy to:

Regional Office, OSPCB, Rayagada.

**UTKAL ALUMINA INTERNATIONAL LIMITED**

Plant & Off.: Doraguda, Po: Kucheipadar, Dist.: Rayagada- 765015, Odisha, India  
Regd. Office: J-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India

CIN No.: U13203OR1993PLC003416

Ph.: 06865287040, Fax: 06865287100

Ph.: 0674 2360581/540, Fax: 0674 2360321

Website: [www.hindalco.com](http://www.hindalco.com)

Email: [utkal.alumina@adityabirla.com](mailto:utkal.alumina@adityabirla.com)

**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	:	M/s HCU of Baphlimali Bauxite Mine of M/s UAIL								
	(i) Name of the authorized person (occupier or : operator of facility)	:	Dr. Devi Prasad Mishra								
	(ii) Name of HCF or CBMWTF	:	M/s HCU of Baphlimali Bauxite Mine of M/s UAIL								
	(iii) Address for Correspondence	:	At: Paikupakhal, Po: Maikanch, Dist: Rayagada, Odisha								
	(iv) Address of Facility	:	At: Paikupakhal, Po: Maikanch, Dist: Rayagada, Odisha								
	(v) Tel. No. Fax. No	:									
	(vi) E-mail ID	:	subhramanyu.kund@adityabirla.com								
	(vii) URL of Website	:									
	(viii) GPS coordinates of HCF or CBMWTF	:	<p style="text-align: center;">HCU Baphlimali Bauxite Mines GPS Coordinates</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Latitude</td> <td style="text-align: center;">Longitude</td> </tr> <tr> <td style="text-align: center;">19°C 20' 366"</td> <td style="text-align: center;">82°C 58' 874"</td> </tr> <tr> <td style="text-align: center;">To</td> <td style="text-align: center;">To</td> </tr> <tr> <td style="text-align: center;">19°C 20' 386" N</td> <td style="text-align: center;">82°C 58' 924"</td> </tr> </table>	Latitude	Longitude	19°C 20' 366"	82°C 58' 874"	To	To	19°C 20' 386" N	82°C 58' 924"
Latitude	Longitude										
19°C 20' 366"	82°C 58' 874"										
To	To										
19°C 20' 386" N	82°C 58' 924"										
	(ix) Ownership of HCF or CBMWTF	:	Private								
	(x). Status of Authorization under the Bio- Medical Waste (Management and Handling) Rules	:	<p>Authorization No: 2795/SPCB/Authorization (biomedical Waste)/V/BMW/RO/Rayagada/69/2017 Dt. 11.09.2019</p> <p>Valid Upto: Until Further Order</p>								
	(xi). Status of Consents under Water Act and Air Act	:	CTO granted by OSPCB for Baphlimali Bauxite Mines M/s Utkal Alumina International Ltd. , which is Valid till 31.03.2027.								

2	Type of Health Care Facility	:																													
	(i) Bedded Hospital	:	No. of Beds: Not Applicable																												
	(ii) Non-bedded hospital  Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	Health Care Unit/ first Aid Center (Mines)																												
	(iii) License number and its date of	:	Not Applicable																												
3	Details of CBMWTF	:	Not Applicable																												
	(i) Number of health care facilities covered by CBMWTF	:	Not Applicable																												
	(ii) No. of Beds covered by CBMWTF	:	Not Applicable																												
	(iii) Installed treatment and disposal capacity of	:	Not Applicable																												
	(iv) Quantity of bio medical waste treated or disposed	:	Not Applicable																												
4	Quantity of waste generated or disposed in Kg per Annum (on monthly average basis)	:	Yellow Category: Nil Kg/Annum Red Category:0.197 Kg/Annum White:0.083 Kg/Annum Blue Category: 0.250 Kg/Annum General Solid Waste:1.678 Kg/Annum																												
5	Details of the Storage, Treatment, Transportation, Processing and Disposal Facility																														
	(i) Details of the on-site storage	:	Size: Not Applicable																												
	facility		Capacity: Not Applicable Provision of on-site storage : (Cold storage or any other provision)																												
	(ii) Disposal facilities		<table border="1"> <thead> <tr> <th>Type of treatment equipment</th> <th>No of Units</th> <th>Capacity Kg/day</th> <th>Quantity Treated or disposed in kg Per annum</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Plasma Pyrolysis</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Autoclaves</td> <td>1</td> <td>3 Ltrs.</td> <td></td> </tr> <tr> <td>Microwave</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Hydroclave</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Shredder</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type of treatment equipment	No of Units	Capacity Kg/day	Quantity Treated or disposed in kg Per annum	Incinerators	0	NA	NA	Plasma Pyrolysis	0	NA	NA	Autoclaves	1	3 Ltrs.		Microwave	0	NA	NA	Hydroclave	0	NA	NA	Shredder	0	NA	NA
Type of treatment equipment	No of Units	Capacity Kg/day	Quantity Treated or disposed in kg Per annum																												
Incinerators	0	NA	NA																												
Plasma Pyrolysis	0	NA	NA																												
Autoclaves	1	3 Ltrs.																													
Microwave	0	NA	NA																												
Hydroclave	0	NA	NA																												
Shredder	0	NA	NA																												

			Needle tip cutter or destroyer	1	NA	0.083
			Sharps	0	NA	NA
			Encapsulation	0	NA	NA
			Deep burial	3	NA	0.530
			Chemical disinfectio	0	NA	NA
			Any other treatment			
	(iii)	Quantity of recyclable wastes sold to authorized recyclers after treatment in Kg per annum	Red Category (like plastic, glass, etc.) Nil			
	(iv)	No. of Vehicles used for collection and transportation of biomedical	Not Applicable			
	(v)	Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		Quantity Generated	Where disposed	
			Incineration	Nil	-	
			Ash	Nil	-	
			ETP Sludge	Nil	-	
	(vi)	Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	Waste is disposed of only through deep burial pits.			
	(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	Yes			
7		Details trainings conducted on BMW				
	(i)	Number of trainings conducted on BMW Management	Two			
	(ii)	Number of personnel trained	3			
	(iii)	Number of personnel trained at the time of induction	One			
	(iv)	Number of personnel not undergone any training so far	Nil			
	(v)	Whether standard manual for training is available?	Job specific training is provided to individual			
8		Details of the accident occurred during the year				

	(i) Number of Accidents occurred	Nil
	(ii) Number of 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	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
11	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
12	Any other relevant information	Not Applicable

Certified that the above report is for the period from January 01, 2022 to December 31 2022.

Mukesh Kumar Jha  
Head Mines  
Baphlimali Bauxite Mines

**Name & Signature of the Head of the Institution**

**Date : 22.06.2023**  
**Place: Doraguda**

**OFFICE ORDER**

Date: 25.06.2022

According to the subrule 4(r) of Bio-Medical Waste Management Rules, 2016, to review and monitor the activities related to Bio-Medical Waste Management a Bio-Medical Waste Management Committee at Baphlimali Bauxite Mine of M/s Utkal Alumina International Limited has been constituted.

The name & designations of the committee members are enlisted below.

1. Mr. Sanjay Pardhi- Manager, Mines
2. Mr. Subhramanyu Kund, Asst. Manager- Environment
3. Mr. Subhranshu Bhusan Sahoo, Deputy Manager- Mines
4. Mr. Nepal Nial, Sr. Officer-Environment
5. Mr. Pradyumna Das, Manager- Geology
6. Dr Devi Prasad Mishra, Asst. Manager- Medical Services
7. Mr. Prabhu Prasad Pattanaik, Deputy officer- Medical Services

Thanking You  
For Utkal Alumina International Limited

Mukesh Kumar Jha  
Head- Baphlimali Bauxite Mine

**Statement regarding spillage and collection of mercury during the period  
January 2022 to December 2022**

22<sup>nd</sup> June 2023

To

The Member secretary  
State Pollution Control Board, Odisha  
Parivesh Bhawan, A/118  
Nilakanthanagar, unit- VIII  
Bhubaneswar- 751012

Sir

With reference to the special condition no. 8 mentioned in the Biomedical waste authorization, we like to inform you that there is no use of mercury at our HCF/First aid centre of Baphlimali bauxite mine of M/s UAIL either in chemical form or in any instrument. Thus, there was no spillage and collection of mercury during the period January 2022 to December 2022.

This is for your kind information and perusal.

Yours faithfully,  
For Utkal Alumina International Limited



Mukesh Kumar Jha

**Head- Mines  
Baphlimali Bauxite Mine**

**FORM – I**  
**[ (See rule 4(o), 5(i) and 15 (2))**

**ACCIDENT REPORTING**

N.B: - There was no accident including accidents caused by fire hazards, blasts during handling of bio-medical waste during the period from January 2022 to December 2022

1. Date and time of accident: NA
2. Type of Accident: NA
3. Sequence of events leading to accident: NA
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 : 22.06.2023

Place : Doraguda



Signature

Designation: Head-Mines



Date- 12/07/2022.

Member's present:-






1. Sanjay parthi - ~~Dr. E.~~ ~~Ho~~
2. Praadjeemna Das Mgt. Geology (P. Dr.)
3. Prabhu Prasad Patnaik - ~~Prof. Dr.~~ ~~12/7/22~~
4. Subhakar Sahoo - ~~Dr. S.~~
5. Subhramanyu Kund - ~~AM. E & S~~ - ~~Dr.~~

points Discussed:-

1. Cleaning activity near the drop bearing pit to be followed.
2. It is discussed that proper labeling of the pit's as per colour code.
3. It was agreed that there should be minimum two to three training on BMW should given to the user.

date - 14/3/2022

Members present -

1. Sanjay Parothi - AGM Mines 
2. Pradyumna Das - Mgr. Geology 
3. Prabhu Prasad Patnaik - Deputy Mtn 
4. Subhansu Sahoo - Manager - Mines (Safety) 
5. Subhramanyu Kundu - AM - E&S 

Points Discussed:-

1. Generation of Biomedical waste to be maintained in the register according to Colour Code.
2. Disposal of Biomedical waste according to Colour Codes.
3. It is agreed that regular review of Waste Management System.

07/02/2022.

DATE - 07/02/2022

Topic - Duties of Occupier of Biomedical Waste

Trainer - Rajendra Nandyal

Trainee

- 1) Prabhu Patnank
- 2) Khatish Prasanna Saalange
- 3) Bimal Kumar Pathe

Signature

*Prabhu*

*Khatish Saalange*

*Bimal*

~~Medical Officer (Manager)  
Ulkal All India International Ltd  
Tikar (Doraguda) Dist-Rayagada~~

12/07/2022

DATE - 12/07/2022

Topic - Biomedical Waste treatment & Disposal

Trainer - Dr. Rajendra Mondal

Trainee Name

- 1) Prabha Patnack
- 2) Khetesh Prasad Sankar
- 3) Bimal Kumar Pathe

Signature



Khetesh Sankar

