

Ref: UAIL-Mines/BBM/31/2024

22nd June 2024

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 2023 to December 2023.

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 2023 to December 2023.

This is for your kind information and perusal.

Yours faithfully,

For Utkal Alumina International Limited

A handwritten signature in blue ink, appearing to read 'Vijay Chauhan'.

Vijay Chauhan
Head- Mines
Baphlimali Bauxite Mine

Encl: As Above

Copy to:

1. Regional Office, OSPCB, Rayagada for kind information & record.

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	:	06865287040/06865287100								
	(vi) E-mail ID	:	nepal.nial@adityabirla.com								
	(vii) URL of Website	:	www.hindalco.com								
	(viii) GPS coordinates of HCF or CBMWTF	:	HCU- Baphlimali Bauxite Mines GPS Coordinates <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" E</td></tr> </table>	Latitude	Longitude	19°C 20' 366"	82°C 58' 874"	To	To	19°C 20' 386" N	82°C 58' 924" E
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19°C 20' 366"	82°C 58' 874"										
To	To										
19°C 20' 386" N	82°C 58' 924" E										
	(ix) Ownership of HCF or CBMWTF	:	Private								
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Authorization No: 2795/SPCB/Authorization (Biomedical Waste)/V/BMW/RO/Rayagada/69 /2017 Dt. 11.09.2019 Valid Upto: Until Further Order								
	(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 expiry	:	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 CBMWTF;	:	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: 0.038 kg/Annum Red Category: 0.200 kg/Annum White: 0.168 kg/Annum Blue Category: 0.409 kg/Annum General Solid waste: 5.665 kg/Annum																																																
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) Details of the treatment or disposal facilities		<table> <tr> <th>Type of treatment equipment</th><th>No of Units</th><th>Capaci ty Kg/day</th><th>Quantity Treated or disposed in kg Per annum</th></tr> <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>0.200</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> <tr> <td>Needle tip cutter or destroyer</td><td>1</td><td>NA</td><td>0.168</td></tr> <tr> <td>Sharps</td><td>0</td><td>NA</td><td>NA</td></tr> <tr> <td>Encapsulation</td><td>0</td><td>NA</td><td>NA</td></tr> <tr> <td>Deep burial pits</td><td>3</td><td>NA</td><td>0.815</td></tr> <tr> <td>Chemical disinfection</td><td>0</td><td>NA</td><td>NA</td></tr> </table>	Type of treatment equipment	No of Units	Capaci ty Kg/day	Quantity Treated or disposed in kg Per annum	Incinerators	0	NA	NA	Plasma Pyrolysis	0	NA	NA	Autoclaves	1	3 Ltrs.	0.200	Microwave	0	NA	NA	Hydroclave	0	NA	NA	Shredder	0	NA	NA	Needle tip cutter or destroyer	1	NA	0.168	Sharps	0	NA	NA	Encapsulation	0	NA	NA	Deep burial pits	3	NA	0.815	Chemical disinfection	0	NA	NA
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		Any other treatment equipment:	0	NA	NA
	(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 waste		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		Nil		
	(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 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
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, 2023 to December 31 2023.**



Vijay Chauhan
Head Mines
Baphlimali Bauxite Mines

Name & Signature of the Head of the Institution

Date : 22.06.2023
Place: Doraguda



OFFICE ORDER

Date: 20.11.2023

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. Amar Bharti- Asst. General Manager (Mines-Manager).
2. Mr. Nepal Nial, SH- Environment
3. Mr. Subhranshu Bhusan Sahoo, Manager- Mines
4. Mr. Pradyumna Das, Asst. General Manager- Geology
5. Dr Devi Prasad Mishra, Asst. Manager- Medical Services
6. Mr. Prabhu Prasad Pattanaik, Deputy officer- Medical Services

Thanking You
For Utkal Alumina International Limited


Vijay Chauhan
Head- Baphlimali Bauxite Mine

**Statement regarding spillage and collection of mercury during the period
January 2023 to December 2023**

22nd June 2024

To

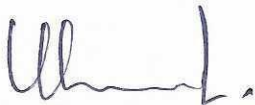
The Member secretary
State Pollution Control Board, Odisha
Parivesh Bhawan, A/118
Nilakanthanagar, unit- VIII
Bhubaneswar- 751012

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 2023 to December 2023.

This is for your kind information and perusal.

Yours faithfully,
For Utkal Alumina International Limited


Vijay Chauhan
Head- Mines
Baphlimali Bauxite Mine

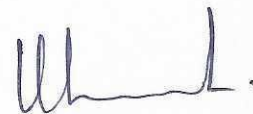
FORM – I
[(See rule 4(o), 5(i) and 15 (2))]
ACCIDENT REPORTING

N.B: - There was no accident including accidents caused by fire hazards, blasts during handling of bio-medical waste during the period from January 2023 to December 2023

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 : 22.06.2024

Place : Doraguda



Signature

Designation: Head-Mines

03/10/2023

Page No.

Date

Date- 03/10/2023

Topic- Biomedical Waste treatment & Disposal

Trainer- Dr. D. P. Mishra

Trainee Name :-

- 1) Prabhu Patra
- 2) Khelish Prasad Sadangi
- 3) Bimal Kumar Patra

Signature

[Signature]

[Signature]

[Signature]

[Signature]

Dr. Devi Prasad Mishra
Mines Medical Officer
Uail (Aditya Birla)
Reg.No: 20762(OMC)

18/01/2023

Page No. _____
Date: 1 / 1

DATE :- 18/01/2023

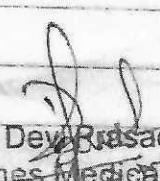
Topic :- Biomedical Waste Treatment & Disposal

Instructor :- Dr. Devi Prasad Mishra

Trainees name :-

- 1) Prashant Pattnaik
- 2) Khushi Saraya
- 3) Anand Reddy


Khushi Saraya



Dr. Devi Prasad Mishra
Mines Medical Officer
DRI (Aditya Birla)
Reg.No: 20762(OMC)


12/1/2023

Date - 24/03/2023

Members present:-

1. Sanjay parthi - AGM Mines
2. Pragya Das - Manager Geology
3. Dr. Deviprasad Mishra - Asst. Manager
4. Subhansu Sahoo - ~~AS~~ 
5. Subhramanya Kanti - AM-EXS

Point's Discussed:-

1. Sop to be revised.
2. Cleaning activity near the deep burial pit to be followed.
3. Disposal of waste according to colour Code's as per BMW.
4. Awareness to paramedical staff regarding Bio medical waste management system.

Date - 03/11/2023

Member Present:-

1. Amar Bhattar Bhattar
2. Pradyumna Das Das
3. Dr. Dev Prasad Mishra Mishra
4. Subhansu Sahoo Sahoo
5. Subhramanya Kandi
6. Nepal Nihal. Nepal Nihal Nihal

points Discussed:-

1. The generation of bio-medical waste has been renewed.
2. Generation of bio-medical waste to be maintained in the register according to Colour Code.
3. Cleaning activity near the deep burial pit to be followed.
4. Awareness to paramedical staff regarding bio-medical waste management system.