

BALCO/ENV/A-07/2025/174

16.04.2025

To,
The Regional Officer,
Chhattisgarh Environment Conservation Board,
Korba, Chhattisgarh.

Sub: Submission of annual report in Form-IV of Bio-Medical Waste for the calendar year 2024 for BALCO Hospital.

Dear Sir,

With reference to the above-mentioned subject, please find enclosed herewith the Bio-Medical Waste Return in the prescribed format (Form – IV) and accident reporting in Form-I for BALCO Hospital unit from January 2024 to December 2024.

This is for your kind information and records please.

Thanking you,

Yours truly,



Dr. Vivek Kumar Sinha
CMO – BALCO Hospital

Encls: As above




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 (CBWTF) facility.]

Sl.No	Particulars				
1	(i) Name of the authorised person (occupier or operator of facility)	Dr Vivek Sinha, : C.M.O, Balco Hospital, Korba, Chhattisgarh			
	(ii) Name of HCF or CBMWTF	: Balco Hospital			
	(iii) Address for Correspondence	: Bharat Aluminium Company Limited, PO Balco Nagar, Korba, CG			
	(iv) Address of Facility	: Bharat Aluminium Company Limited, PO Balco Nagar, Korba, CG			
	(v) Tel. No, Fax. No	: Tel. No: 91-7759252405, Fax: 91-7759242031			
	(vi) E-mail ID :	: Vivek.KumarSinha@vedanta.co.in			
	(vii) URL of Website	: http://www.balcoindia.com/			
	(viii) GPS coordinates of HCF or CBMWTF	: BALCO HOSPITAL 22.407° N, 82.753° E			
	(ix) Ownership of HCF or CBMWTF	: BALCO (Private)			
	(x) Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	: Authorisation No.: 964 / BMW / HO / CECB / 2022 RAIPUR Dated 12/05/2022 valid up to 16.01.2025			
	(xi) Status of Consents under Water Act and Air Act	: Valid up to: 14.01.2027			
2	Type of Health Care Facility				
	(i) Bedded Hospital	: No. of Beds: 100			
3	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)				
	Details of CBMWTF	M/s Envirocare international (Chhattisgarh)			
	(i) Number healthcare facilities covered by CBMWTF	: NA			
	(ii) No of beds covered by CBMWTF	: NA			
	(iii) Installed treatment and disposal capacity of CBMWTF:	: Kg per day - NA			
4	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	: Kg per day - NA			
	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	Yellow Category : 8363 Kg per annum			
		Red Category : 8157 Kg per annum			
		White : 144 Kg per annum			
		Blue Category : 2374 Kg per annum			
General Solid waste: NIL					
5	Details of the Storage, treatment, transportation, processing and Disposal Facility	: NA			
	(i) Details of the on-site storage facility	Size : 3mx3mx3m Capacity : 27 m ³ Provision of on-site storage : (cold storage or any other provision)			
	(ii) disposal facilities		Capacity	Quantity treated or disposed in kg	
		Type of treatment	equipment	No of units	Kg/day
		Incinerators	NIL	-	-
		Plasma Pyrolysis	NIL	-	-
		Autoclaves	NIL	-	-
		Microwave	NIL	-	-
		Hydroclave	NIL	-	-
		Shredder	NIL	-	-
		Needle tip cutter or destroyer	NIL	-	-
		Sharps encapsulation or concrete pit	NIL	-	-
		Deep burial pits:	NIL	-	-
	Chemical disinfection: -	NIL	-	-	
	Any other treatment	NIL	-	-	
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	: NIL			
	(iv) No of vehicles used for collection and transportation of biomedical waste	: NIL			
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	: Incineration Ash ETP Sludge : Quantity generated NA : Where disposed NA				
(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	: M/s Envirocare international (Chhattisgarh)				
(vii) List of member HCF not handed over bio-medical waste.	: NA				
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	: Yes, MoM copy attached.			
7	Details trainings conducted on BMW				
	(i) Number of trainings conducted on BMW Management.	: 25			
	(ii) number of personnel trained	: 32			
	(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?	: 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)	: NA			
	(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 standards?	: NA			
	Details of Continuous online emission monitoring systems installed	: NA			
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	: In ETP Within norms			
	11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the year? standards in a year?	: NA		
12	Any other relevant information	: (Air Pollution Control Devices attached with the Incinerator)-NA			

Certified that the above report is for the period from January 2024 to December 2024


Dr. Vivek Kumar Sinha
CMO, BALCO Hospital
Name and Signature of the Head of the Institution

Date: 16.04.2025
Place: Korba

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

1. Date and time of accident: NA (No accident occurred during Jan'24-Dec'24)
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: yes (Please refer to Annexure 1 as attached)

Date: 16.04.2025

Place: BALCO Korba


Signature

Designation- CMO, BALCO Hospital



Bharat Aluminium Company Ltd
Minutes of Meeting



Chaired By: Dr Vivek Kumar Sinha

Date: 10.09.2024 Time: 4:00 – 05:00 P.M

Venue: Hospital Conference Room

Subject: - BMW Management

Persons Present:

Dr. Vivek Sinha,
Dr. ASP Mishra
Ms, Rupal Mehta
Ms, Isha Gupta
Ms, Anshika Jain
Dr. Puneet Kumar,
Dr. Sanjay Ray,
Mr Arun Biswal,
Mr Dilip Prajapati,
Mr Girish Singh
All Sanitation Staff ,
First Aid Paramedical staff
Bio Medical Handling Staff.

Sr. No.	Points Discussed & Action Points	Responsibility	Target date for Closure
1	Bio Medical Annual Return to be submitted for Hospital and first aid centers.	Ms. Anshika Jain	30 th Apr 2025
2	To ensure proper segregation of waste as per BMW Rules.	Housekeeping Staff	On going
3	To provide regular training to the hospital and First aid workers.	Dr Puneet	On going
4	Ensuring maintenance of ETP.	Mr Arun Biswal	Continue

BHARAT ALUMINIUM COMPANY LTD.

BALCO HOSPITAL and First Aid Centers

EMERGENCY PREPAREDNESS PLAN

Objectives

The Objectives of this Emergency Preparedness Program includes the following:

- To attend promptly and effectively to all individuals requiring medical attention.
- To protect patients, visitors and staff from injury.
- To protect property, facility and equipment.
- To outline each department's responsibilities.
- To prepare the staff and hospital resources for optimal performance in an Emergency.
- To satisfy all applicable regulatory and statutory requirements.

Situations and Assumptions

Emergency situations and/or disasters that have a high degree of probability of occurring within the community and the hospital are:

- Fire
- Chemical Spill with Toxic Release.
- Major Traffic Accident
- Multiple Casualty Incident
- Industrial Accident
- Building or Structure Collapse
- Riot

Mock drill exercise for Emergency Planning:

Mock drills to be conducted once in six months in order to:

1. Test the effectiveness of the communication system.
2. Test the speed of the mobilization of the plant.
3. Test effectiveness of search, rescue and treatment of casualties.
4. Test emergency isolation and shutdown of machinery and plant as well as the remedial measures taken on the system.
5. Conduct a full rehearsal of the action to be taken during an emergency.

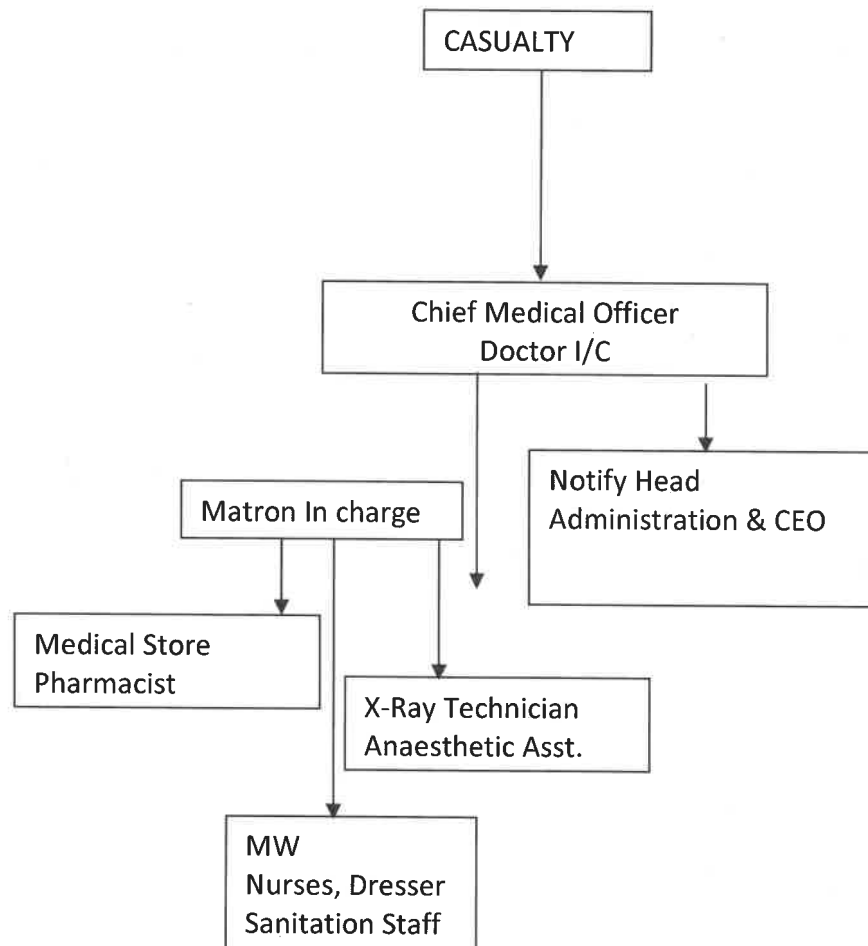
LEVEL OF EMERGENCY

- L1 – Emergency within the confined area which can be controlled by Sub Business Unit (SBU) level resources.

- L2 – Emergency situation which can affect the other plant activities.
- L3 – Emergency situation which can affect beyond the factory area (Off- site Emergency Plan activation – Responsibility of District Authority).
- In case of L-3 level, Main incident controller should decide to call district authority through BALCO Administration, HSE Dept. etc.

IN CASE OF EMERGENCY INFORM TO THE FOLLOWING:

S. No.	LIST OF CONTACT PERSON	CONTACT NO
1.	FIRE	9755529348, 5333, 2333,
2.	FIRST AID	9893379830, 2222
3.	MEDICAL	5555
4.	SECURITY	9893599243
6.	BALCO SECURITY CONTROL ROOM	9179083488
7.	Dr. VIVEK SINHA (CMO)	7024264761



Prepared by: Dr. Sanjay Kumar

Approved by: CMO BALCO Hospital