



20 Jun 2024

The Environmental Engineer,
Andhra Pradesh Pollution Control Board,
Regional Office, 1st Floor, APSFC Building,
Balaji City, Narasimha Theertham Road (Near LIC),
Tirupati, AP – 517 502

Sub: Annual Report on Biomedical Wastes for the year 2023

Ref: Consent No.: 1803488/APP/KNL/TPT/CFO&HWA/HO/2023 dated 11.01.24

Dear Sir,

Please find enclosed the Annual Report on Biomedical Wastes generation in our OHC during the year 2023. Kindly note that all the biomedical wastes generated in our OHC are taken by M/s AWM Consulting Ltd., Tirupati for treatment and disposal at their facility.

Thanking you,
For HINDALCO INDUSTRIES LIMITED,

A handwritten signature in blue ink, appearing to read "Rajiv Upadhyay".

Rajiv Upadhyay
Authorized Signatory



A handwritten signature in blue ink, appearing to read "Rajiv Upadhyay", with the date "20/6/24" written below it.

Hindalco Industries Limited

Kuppam Works : No. 255,257, 279, Industrial Park, Kuppam - 517 425, Chittoor (Dt), Andhra Pradesh, India
T: +91 70938 97416 | E: hindalco@adityabirla.com | W: www.hindalco.com
Registered Office : Ahura Centre, 1st Floor, B Wing, Mahakali Caves Road, Andheri (East), Mumbai - 400 093,
T: 022 - 66917000 | F: 022 - 66917001 | Corporate ID No.: L27020MH1958PLCO11238

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)]

Biomedical waste details for the calendar year 2023

Sl. No	Particulars		
1	Particulars of the Occupier	:	HINDALCO INDUSTRIES LTD
	(i) Name of the authorised person (occupier or operator of facility)	:	RAJIV UPADHYAY
	(ii) Name of HCF or CBMWTF	:	HINDALCO KUPPAM OHC
	(iii) Address for Correspondence	:	HINDALCO INDUSTRIES LTD KUPPAM WORKS No.255,257,279, INDUSTRIAL PARK, KUPPAM – 517 425. ANDHRA PRADESH
	(iv) Address of Facility	:	SAME AS ABOVE
	(v) Tel. No, Fax. No	:	+91 9633240610
	(vi) E-mail ID	:	gsunil.kumar@adityabirla.com
	(vii) URL of Website	:	www.hindalco.com
	(viii) GPS coordinates of HCF or CBMWTF	:	Latitude - 12.43'46" N Longitude – 78.21'29" E
	(ix) Ownership of HCF or CBMWTF	:	Private Firm
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules:	:	Authorisation No.: 1803488/APPCB/KNL/TPT/CFO&HWA/HO/2023 dated 11/01/2024
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: 30 June 2024
2	Type of Health Care Facility :		
	(i) Bedded Hospital : No. of Beds		NA
	(ii) Non-bedded hospital		Non-Bedded First Aid Centre
	(iii) License number and its date of expiry		N/A

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3	Details of CBMWTF :					
	(i) Number healthcare facilities covered by CBMWTF :		Bio Medical Waste treated through M/s AWM Consulting Ltd., Tirupati			
	(ii) No of beds covered by CBMWTF :		N/A			
	(iii) Installed treatment and disposal capacity of CBMWTF:: _____ Kg per day		N/A			
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF		N/A			
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)		Yellow Category: 2.86 Kg (Including Covid related biomedical wastes like masks, antigen test kits etc.)			
			Red Category: 0.21 Kg			
			White: Nil			
			Blue Category: Nil			
			General Solid waste: Nil			
5	Details of the Storage, treatment, transportation, processing, and Disposal Facility					
	(i) Details of the on-site storage facility :		Bio Medical Waste disposed through M/s AWM Consulting Ltd., Tirupati			
	Disposal facilities		Type of treatment equipment	No of units	Capacity Kg/day	Quantity Treated or disposed in kg per annum
			<ul style="list-style-type: none"> • Incinerators • 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 	NIL		
(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.		:	NIL			

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	(iv) No of vehicles used for collection and transportation of biomedical waste	:	N/A
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	No incinerator installed / used
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of		Through M/s. AWM Consulting Ltd., Tirupati
	(vii) List of member HCF not handed over bio-medical waste.		N/A
6	Do you have bio-medical waste Management committee? If yes, attach minutes of the meetings held during the reporting period		YES, MOM Attached
7	Details trainings conducted on BMW		
	(i) Number of trainings conducted on BMW Management.		2
	(ii) number of personnel trained		4
	(iii) number of personnel trained at the time of induction		4
	(iv) number of personnel not undergone any training so far		Nil
	(v) whether standard manual for training is available?		Yes
	(vi) any other information)		Nil
8	Details of the accident occurred during the year		
	(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		No Incinerator Installed

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	many times in last year could not meet the standards?		
	Details of Continuous online emission monitoring systems installed		N/A
10	Liquid waste generated and treatment Methods in place. How many times you have not met the standards in a year?		N/A
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?		N/A
12	Any other relevant information		(Air Pollution Control Devices attached with the Incinerator) N/A

Certified that the above report is for the period from 01 Jan 2023-31 Dec 2023

Date: 20 June 2024

Place: Kuppam

Signature
20/6/24



Signature

RAJIV UPADHYAY
Authorized Signatory

Date: 09.8.2023

Time: 4:30PM to 5:30PM

Location: Admin Conference Room

Purpose of Meeting: Bio Medical waste Management

Facilitator & Minute Taker: Mr. Sunil Kumar – Sustainability

Present Attendees:

Mr. Sunil Kumar – Sustainability

Aishwarya – HR & Admin

Dr. Shaik Zabiullah – OHC

Sounder – Male Nurse OHC

Prabhu- Male Nurse OHC

Sivakumar – HR & Admin

Agenda Topics: -

- At OHC, the bio-medical waste procedure SOP needs to be updated.
- The OHC doctor must conduct bio-medical waste training every six months, and records must be kept.
- At OHC, First Aid procedure SOP needs to be updated.
- AMW Bio-medical waste collection vendor renewal

Action Items: -

- It is necessary to keep a daily summary of biomedical waste production.
- Information about authorized vendors for the collection of biomedical waste must be documented.
- The SOP for the bio-medical waste procedure updated at OHC. (Generate, collect, receive, store, transport, treat, dispose)
- Every six months, bio-medical waste training must be held, and documentation must be preserved.
- The SOP for the First Aid procedure needs to be updated.
- AMW Agreement completed.



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Date: 01.02.2024

Time: 2:30PM to 3:30PM

Location: Training Hall

Purpose of Meeting: Bio Medical waste Management

Facilitator & Minute Taker: Mr. Sunil Kumar & Mr. Vivek – Sustainability

Present Attendees:

Mr. Sunil Kumar – Sustainability

Aishwarya – HR & Admin

Dr. Shakthidharan – OHC

Vivek – Sustainability

Sounder – Male Nurse OHC

Prabhu- Male Nurse OHC

Sivakumar – HR & Admin

Agenda Topics: -

- Annual Report Need to be submitted to the PCB Before 30th June.
- Quantity of waste generated or disposed in Kg per to submit a PCB, an annual record must be kept. (*Category of waste generated -Yellow, Red, White, Blue, General Solid waste*)
- **Yellow colored** - Human tissues, organs, body parts, contaminated with blood, body fluids like dressings, plaster casts, cotton swabs. **Expired Medicines:** - antibiotics, cytotoxic drugs including all items contaminated with cytotoxic drugs along with glass or plastic ampoules, vials etc. **Chemical Waste:** - Chemicals used in production of biological and used or discarded disinfectants.
- **Red colored - Contaminated Waste (Recyclable): - Wastes** generated from disposable items such as tubing, bottles, intravenous tubes and sets, catheters, urine bags, syringes (without needles and fixed needle syringes) and Vaccutainers with their needles cut) and gloves.
- **White colored (Translucent)** - Needles, syringes with fixed needles, needles from needle tip cutter or burner, scalpels, blades, or any other contaminated sharp object that may cause puncture and cuts. This includes both used, discarded and contaminated metal sharps.
- **Blue colored Glassware:** Broken or discarded and contaminated glass including medicine vials and ampoules except those contaminated with cytotoxic wastes.
- A daily summary report for bio-medical waste needs to be maintained in an Excel sheet or a record book.

Action Items: -

- Annual Report Need to be submitted to the PCB Before 30th June. (Mr. Sunil Kumar – Sustainability)
- AMW Vendor agreement need to be renew
- Quantity of waste generated or disposed daily record need to maintain (Dr. Shakthidharan – OHC, OHC Staff Nurses & TEATREE management)
- At OHC, the bio-medical waste procedure SOP needs to be updated. (Dr. Shakthidharan – OHC)


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- The OHC doctor must conduct bio-medical waste training every six months, and records must be kept. **(Dr. Shakthidharan – OHC & TEATREE management)**
- At OHC, First Aid procedure SOP needs to be updated. **(Dr. Shakthidharan – OHC & TEATREE management)**

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