



JPP/ 185/2025
Date: 15/01/2025

The Member Secretary,
Jharkhand State Pollution Control Board,
TA Building (Ground Floor),
HEC Campus, Dhurwa, Ranchi – 834004

Sub: – Annual report regarding disposal of Bio Medical waste for the period Jan' 2024 to Dec'2024 for Jojobera Power Plant (Unit-1 to 5).

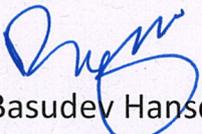
Ref: GSR 343 (E), [28.03.2016] - Bio Medical Waste Management Rules, 2016

Dear Sir,

Please find enclosed the annual report in Form IV for Bio medical waste for the period January' 2024 to December' 2024 as per Bio Medical Waste Management Rules, 2016.

Thanking You,

Yours sincerely,
for The Tata Power Co. Ltd.

Mush

(Basudev Hansdah)
CEO - IEL & Chief -Jamshedpur Operations

Encl.: As above

CC: Regional Officer, Jharkhand State Pollution Control Board, MB/15, New Housing Colony, Adityapur, Jamshedpur – 13.

TATA POWER

The Tata Power Company Limited
Jojobera Power Plant, Jamshedpur - 831016
Tel 91 657 2276879, 6511543

Registered Office Bombay House 24 Homi Mody Street Mumbai 400 001



Printed on 100 % Recycled Paper

From –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 authorized person (occupier or operator of facility)	:	Shri Basudev Hansdah
	(ii) Name of HCF or CBMWTF	:	Occupational Health Center, Tata power, Jojobera Power Plant, PO-Rahargora, Jamshedpur – 831 016.
	(iii) Address for correspondence	:	Tata power, Jojobera Power Plant, PO-Rahargora, Jamshedpur – 831 016.
	(iv) Address of Facility	:	Tata power, Jojobera Power Plant, PO-Rahargora, Jamshedpur – 831 016.
	(v) Tel. No, Fax No	:	Telephone no.-0657-2277829, Fax-0657-2277268
	(vi) E-mail ID	:	bhansdah@tatapower.com
	(vii) URL of Website	:	www.tatapower.com
	(viii) GPS Coordinates of HCF or CBMWTF	:	Latitude-22.7554 °N, Longitude- 86.2491 °E.
	(ix) Ownership of HCF or CBMWTF	:	Private HCF
	(x) Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Authorization no. JSPCB/HO/RNC/BMW-2089833/2018/33 dated 15/07/2018 (Valid up to - Life time.)

	(xi) Status of Consents under Water Act and Air Act		Valid up to: 31.12.2025 (Unit#1-5).
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	Not applicable
	(ii) Non- bedded hospital (Clinic or Blood Bank or Clinical Laboratory or research Institute or Veterinary Hospital or any other)		The occupational Health center is situated in the premises of Jojobera power plant, Tata Power, Jamshedpur for collection and disposal of Bio-medical waste. It has MoU with Bio-Genetic Laboratories (P) Lab.
	(iii) License number and its date of expiry		License no: 118322 & 118323 valid up to 12.02.2029
3.	Details of CBMWTF	:	
	(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 (Kg per day)
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF		Not applicable (Kg per day)
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)		Yellow category : 0.709 Kg Red category : 0.055 kg White : 0.143 kg Blue category : NIL General Solid waste: Not applicable

5.	Details of the Storage , treatment, transportation, processing, and Disposal Facility																																																							
	(i) Details of the on-site storage facility	:	Size: Capacity: 2 kg each Bucket Provision of on-site storage: - Any other Provision (AC Room).																																																					
	Disposal facilities		<table border="1"> <thead> <tr> <th data-bbox="850 651 1129 842">Type of treatment equipment</th> <th data-bbox="1129 651 1235 842">No. of units</th> <th data-bbox="1235 651 1390 842">Capacity kg/day</th> <th data-bbox="1390 651 1528 842">Quantity treated or disposed in kg per annum</th> </tr> </thead> <tbody> <tr> <td data-bbox="850 842 1129 887">Incinerators</td> <td data-bbox="1129 842 1235 887">x</td> <td data-bbox="1235 842 1390 887">x</td> <td data-bbox="1390 842 1528 887">x</td> </tr> <tr> <td data-bbox="850 887 1129 931">Plasma Pyrolysis</td> <td data-bbox="1129 887 1235 931">x</td> <td data-bbox="1235 887 1390 931">x</td> <td data-bbox="1390 887 1528 931">x</td> </tr> <tr> <td data-bbox="850 931 1129 976">Autoclaves</td> <td data-bbox="1129 931 1235 976">x</td> <td data-bbox="1235 931 1390 976">x</td> <td data-bbox="1390 931 1528 976">x</td> </tr> <tr> <td data-bbox="850 976 1129 1021">Microwave</td> <td data-bbox="1129 976 1235 1021">x</td> <td data-bbox="1235 976 1390 1021">x</td> <td data-bbox="1390 976 1528 1021">x</td> </tr> <tr> <td data-bbox="850 1021 1129 1066">Hydroclave</td> <td data-bbox="1129 1021 1235 1066">x</td> <td data-bbox="1235 1021 1390 1066">x</td> <td data-bbox="1390 1021 1528 1066">x</td> </tr> <tr> <td data-bbox="850 1066 1129 1111">Shredder</td> <td data-bbox="1129 1066 1235 1111">x</td> <td data-bbox="1235 1066 1390 1111">x</td> <td data-bbox="1390 1066 1528 1111">x</td> </tr> <tr> <td data-bbox="850 1111 1129 1200">Needle tip cutter or destroyer</td> <td data-bbox="1129 1111 1235 1200">x</td> <td data-bbox="1235 1111 1390 1200">x</td> <td data-bbox="1390 1111 1528 1200">x</td> </tr> <tr> <td data-bbox="850 1200 1129 1335">Sharps encapsulation or concrete pits</td> <td data-bbox="1129 1200 1235 1335">x</td> <td data-bbox="1235 1200 1390 1335">x</td> <td data-bbox="1390 1200 1528 1335">x</td> </tr> <tr> <td data-bbox="850 1335 1129 1379">Deep burial pits</td> <td data-bbox="1129 1335 1235 1379">x</td> <td data-bbox="1235 1335 1390 1379">x</td> <td data-bbox="1390 1335 1528 1379">x</td> </tr> <tr> <td data-bbox="850 1379 1129 1469">Chemical disinfection</td> <td data-bbox="1129 1379 1235 1469">x</td> <td data-bbox="1235 1379 1390 1469">x</td> <td data-bbox="1390 1379 1528 1469">x</td> </tr> <tr> <td data-bbox="850 1469 1129 1603">Any other treatment equipment</td> <td data-bbox="1129 1469 1235 1603">x</td> <td data-bbox="1235 1469 1390 1603">x</td> <td data-bbox="1390 1469 1528 1603">x</td> </tr> <tr> <td colspan="4" data-bbox="850 1603 1528 1697">Not Applicable.</td> </tr> </tbody> </table>		Type of treatment equipment	No. of units	Capacity kg/day	Quantity treated or disposed in kg per annum	Incinerators	x	x	x	Plasma Pyrolysis	x	x	x	Autoclaves	x	x	x	Microwave	x	x	x	Hydroclave	x	x	x	Shredder	x	x	x	Needle tip cutter or destroyer	x	x	x	Sharps encapsulation or concrete pits	x	x	x	Deep burial pits	x	x	x	Chemical disinfection	x	x	x	Any other treatment equipment	x	x	x	Not Applicable.			
Type of treatment equipment	No. of units	Capacity kg/day	Quantity treated or disposed in kg per annum																																																					
Incinerators	x	x	x																																																					
Plasma Pyrolysis	x	x	x																																																					
Autoclaves	x	x	x																																																					
Microwave	x	x	x																																																					
Hydroclave	x	x	x																																																					
Shredder	x	x	x																																																					
Needle tip cutter or destroyer	x	x	x																																																					
Sharps encapsulation or concrete pits	x	x	x																																																					
Deep burial pits	x	x	x																																																					
Chemical disinfection	x	x	x																																																					
Any other treatment equipment	x	x	x																																																					
Not Applicable.																																																								
	(iii) Quantity of recyclable wastes solid to authorized recyclers after Treatment in kg per annum.	:	Red category (like plastic, glass etc.): Not applicable.																																																					

	(iv) No of vehicles used for collection and transportation of biomedical waste	:	01 no.														
	(v) Details of incineration, ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		<table border="1"> <thead> <tr> <th></th> <th>Quantity Generated</th> <th>Where disposed.</th> </tr> </thead> <tbody> <tr> <td>Incineration</td> <td>Not applicable</td> <td>Not applicable</td> </tr> <tr> <td>Ash</td> <td>Not applicable</td> <td>Not applicable</td> </tr> <tr> <td>ETP Sludge</td> <td>Not applicable</td> <td>Not applicable</td> </tr> </tbody> </table>				Quantity Generated	Where disposed.	Incineration	Not applicable	Not applicable	Ash	Not applicable	Not applicable	ETP Sludge	Not applicable	Not applicable
	Quantity Generated	Where disposed.															
Incineration	Not applicable	Not applicable															
Ash	Not applicable	Not applicable															
ETP Sludge	Not applicable	Not applicable															
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator Through which wastes are disposed of	:	Bio-Genetic Laboratories Private Limited, Regd. Office: 69, samara Mega Mart, Nawadih, Dhanbad. PIN-828125. MoU No.- JSR0040/04.05.2024														
	(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, MoM attached.														
7	Details trainings conducted on BMW																
	(i) Number of trainings conducted on BMW Management		02														
	(ii) number of personnel trained		11														
	(iii) number of personnel trained at the time of induction		02														
	(iv) number of personnel not undergone any training so far		Not applicable														

	(v) Whether standard manual for training is available?		Yes
	(vi) any other information)		No
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)		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		(Air pollution control Devices attached with the Incinerator): Not applicable.

Certified that the above report is for the period from Jan'2024 to Dec'2024.

Date:

Place: Jamshedpur

Name and Signature of the Head of the Institution



The Tata Power Co. Ltd., Jamshedpur Division
Review meeting for compliance under BMW Rules
Record Notes

Meeting #: 1/24	Date: 20.06.2024
Venue : OHC ,Jojobera	Page: 1 of 1

Present:

Mr. Basudev Hansdah	Chief-O&M, Head of Committee	
Mr. Mukul Kumar Singh	Head- Environment, Designated person	<i>MKS</i>
Mr. Niraj Singh <i>Niraj</i>	Lead Associate-BHR, Member	<i>Niraj Singh</i>
Dr. S Khuntia / <i>DR T. B. P.</i>	Doctor In charge of OHC, Member	<i>Dr. S Khuntia</i>
Mr. Pawan Kumar	Lead Engineer- Environment, Member	<i>Pawan</i>

SI No.	AGENDA ITEMS	RESPONSIBILITY	STATUS
	REVIEW INPUT:		
1	Granting of authorization for handling of BMW from PCB	Mukul Kumar Singh	In place
2	Ensure provision within the premises for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers.	Dr Khuntia	In place
3	Ensure no chlorinated plastic bags, gloves and blood bags should be used.	Dr Khuntia	In place
4	Training to all health care workers being imparted.	Dr Khuntia	In place
5	To establish a Bar-Code System for bags or containers containing bio-medical waste	Dr Khuntia	In place
6	To conduct Health check up at the time of induction and at least once in a year for all its health care workers.	Dr Khuntia	In place
7	BMW management register to be maintained as per category and color coding as specified in Schedule I.	Dr Khuntia	In place
8	Display the monthly record on its website	Pawan Kumar	In place
9	Make available annual report on its website	Mukul Kr. Singh	In place
10	Ensure that BMW being handled without any adverse effect to human health and the environment.	Dr Khuntia	In place
11	Bar code and global positioning system shall be added by the occupier and common bio medical waste treatment facility.	Dr Khuntia/Niraj Singh	In place
12	The vehicles used for transportation of BMW complying with the conditions if any stipulated by the JSPCB and as per the Motor Vehicles Act, 1988 (59 of 1988).	Dr Khuntia	In place
13	Every occupier or operator handling BMW shall make an application for renewal of authorization /consents as per applicability.	Mukul Kr. Singh	In place
14	Next submission of annual report to the prescribed authority in Form-IV of every year.	Pawan Kumar	For CY 2023- annual report submitted as per rule & for CY2024 - this will be submitted before 30 th June'2025.

-Sd-

[Signature]
Head of Committee

CC: All Members (Mr. Mukul Kumar Singh / Mr. Niraj Singh / Dr. S Khuntia/ Mr. Pawan Kumar)

The Tata Power Co. Ltd., Jamshedpur Division
Review meeting for compliance under BMW Rules
Record Notes

Meeting #: 2/24	Date: 16.12.2024
Venue : MS Team	Page: 1 of 1

Present:

Mr. Basudev Hansdah	CEO - IEL & Chief -Jamshedpur Operations, Head of Committee.	
Mr. Mukul Kumar Singh	Head- Environment, Designated person	<i>Mukul</i>
Mr. Niraj Singh	Lead Associate-BHR, Member	<i>Niraj</i>
Dr. Pankaj Kumar Singh	Doctor In charge of OHC, Member	<i>Dr. Pankaj Kumar Singh</i>
Mr. Pawan Kumar	Lead Engineer- Environment, Member	<i>Pawan</i>

Sl No.	AGENDA ITEMS	RESPONSIBILITY	STATUS
REVIEW INPUT:			
1	Granting of authorization for handling of BMW from PCB.	Mukul Kumar Singh	In place
2	Ensure provision within the premises for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers.	Dr Pankaj Kumar Singh	In place
3	Ensure no chlorinated plastic bags, gloves and blood bags should be used.	Dr Pankaj Kumar Singh	In place
4	Training to all health care workers being imparted.	Dr Pankaj Kumar Singh	In place
5	To establish a Bar-Code System for bags or containers containing bio-medical waste.	Dr Pankaj Kumar Singh	In place
6	To conduct Health check up at the time of induction and at least once in a year for all its health care workers.	Dr Pankaj Kumar Singh	In place
7	BMW management register to be maintained as per category and color coding as specified in Schedule I.	Dr Pankaj Kumar Singh	In place
8	Display the monthly record on its website	Pawan Kumar	In place
9	Make available annual report on its website	Mukul Kr. Singh	In place
10	Ensure that BMW being handled without any adverse effect to human health and the environment.	Dr Pankaj Kumar Singh	In place
11	Bar code and global positioning system shall be added by the occupier and common bio medical waste treatment facility.	Dr Pankaj Kr Singh /Niraj Singh	In place
12	The vehicles used for transportation of BMW complying with the conditions if any stipulated by the JSPCB and as per the Motor Vehicles Act, 1988 (59 of 1988).	Dr Pankaj Kumar Singh	In place
13	Every occupier or operator handling BMW shall make an application for renewal of authorization /consents as per applicability.	Mukul Kr. Singh	In place
14	Next submission of annual report to the prescribed authority in Form-IV of every year.	Pawan Kumar	For CY 2023- annual report submitted as per rule & for CY2024 -this will be submitted before 30 th June'2025.

-Sd-

[Signature]
Head of Committee

CC: All Members (Mr. Mukul Kumar Singh / Mr. Niraj Singh / Dr. Pankaj Kr. Singh/ Mr. Pawan Kumar)