

JPP/ 25 /2022  
Date: 01-02-2022

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 January' 2021 to December' 2021 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' 2021 to December' 2021 as per Bio Medical Waste Management Rules, 2016.

Thanking You,

Yours sincerely,  
for The Tata Power Co. Ltd.

*Manish*  
  
(Jagmit Singh Sidhu)  
f 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  
Regional Office, Jamshedpur - 831015

Website: www.tatapower.com

For more information, please contact: 1800-103-1030

1800-103-1030

From -IV

(See rule 13)

**ANNUAL REPORT**

[To be submitted to the prescribed authority on or before 30<sup>th</sup> 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 Jagmit Singh Sidhu
	(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		The Occupational Health Centre is situated in the premises of Jojobera Power plant, Tata Power, Jamshedpur-16. For collection and disposal of Bio-medical waste, it has MoU with Bio-Genetic Lab Pvt Ltd, Reg. Office: LG23, Urmila Tower ,Bank More,Dhanbad-826001,Jharkhand.
	(v) Tel. No, Fax No	:	Telephone no.-0657-2277829,
	(vi) E-mail ID	:	singhjs@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: 31.12.2022 (Unit#1-5). Ref No. JSPCB/HO/RNC/CTO-10034973/2021/836 dtd. 2021-06-28 (U#1-4) and Ref No. JSPCB/HO/RNC/CTO-10035337/2021/837 dtd. 2021-06-28 (TPCL-Unit 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 for First Aid Facilities. For collection and disposal of Bio-medical waste, It has MoU with Bio-Genetics Lab.
	(iii) License number and its date of expiry		2035700301 dated 18/06/2021 (validity-One Year)
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 : 4.153 Kg Red category : 0.045 kg White : 0.206 kg Blue category : NIL General Solid waste: Not applicable

Details of the Storage , treatment, transportation, processing, and Disposal Facility						
(i) Details of the on-site storage facility	:	Size: 1.5ft X 1.5ft				
		Capacity: 2 kg each Bucket				
		Provision of on-site storage: - Any other Provision (AC Room).				
Disposal facilities		Type of treatment equipment	No. of units	Capacity kg/day	Quantity treated or disposed in kg per annum	
		Incinerators	NA	NA	NA	
		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: LG-23, Urmila Tower, Bank More, Dhanbad-826001.												
	(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		2												
	(ii) number of personnel trained		12												
	(iii) number of personnel trained at the time of induction		2												
	(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 (Disposal through CBMWTF)
	Details of Continuous online emission monitoring systems installed		Not applicable (Disposal through CBMWTF)
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?		Not applicable (Disposal through CBMWTF)
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 (Disposal through CBMWTF)
12	Any other relevant information		Not Applicable

Certified that the above report is for the period from Jan'2021 to Dec'2021.

  
Name and Signature of the Head of the Institution

Date:

Place: Jamshedpur

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

Meeting: 1	Date: 07.06.2021
Venue : OHC, Jojobera	Page: 1 of 1

**Present:**

Mr. A A Das	Chief-O&M, Head of Committee
Mr. Mukul Kumar Singh	Head- Environment, Designated person
Mr. S K. Srivastava	Group Head (Admin.), Member
Dr. S Khuntia	Doctor In charge of OHC
Mr. Pawan Kumar	Lead associate (Chemical), Member

Sl No.	AGENDA ITEMS	RESPONSIBILITY	STATUS
<b>REVIEW INPUT:</b>			
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	Under process
6	To conduct healthcheck 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	Under Process
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.	Mukul Kr. Singh	Before 30 <sup>th</sup> June 2022

-Sd-

Head of Committee

cc: All Members (Mr. Mukul Kumar Singh/ Mr. S K. Srivastava/ Dr. S Khuntia/ Mr. Pawan Kumar)

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

Meeting: 2/2	Date: 14.12.2021
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. S K. Srivastava	Group Head (Admin.), Member <i>SS</i>
Dr. S Khuntia	Doctor In charge of OHC <i>SK</i>
Mr. Pawan Kumar	Lead Engineer - Environment, Member <i>PK</i>

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-Sd-

*[Signature]*  
Head of Committee

cc: All Members (Mr. Mukul Kumar Singh/ Mr. S K. Srivastava/ Dr. S Khuntia/ Mr. Pawan Kumar)