



Ref No. IEL/PH#6/ENV/ 03 /2023

Date: 31-01-2023

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

Re: Annual Report (Form-IV, Rule 13) as per Bio-medical Waste Rule,2016

Dear Sir,

With reference to the above, attached please find Form-IV (rule 13) duly filled in for the period January'2022 to December'2022 pertaining to Industrial Energy Limited, Power-House # 6, Inside Tata Steel Works, Jamshedpur.

Thanking You.

Yours Faithfully,
For Industrial Energy Limited

M. Singh

(Basudev Hansdah)
Station Head
IEL, Power-House# 6

Encl: As above

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

INDUSTRIAL ENERGY LIMITED

(A Joint Venture Company of Tata Power & Tata Steel)

Site office : Power House # 6 (Inside Tata Steel)

Registered Office : C/o The Tata Power Company Limited

Corporate Center, A Block 34, Sant Tukaram Road Carnac Bunder, Mumbai 400 009

CIN : U74999MH2007PLC167623

Tel : (022) 66657519

(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	:	Industrial Energy Limited, Power House-6, Jamshedpur. CBMWTF: Bio-Genetic Lab Pvt.Ltd.
	(iii) Address for correspondence	:	Industrial Energy Limited, Power House-6 (Inside Tata Steel Works), Sakchi, Jamshedpur-831001.
	(iv) Address of Facility		The Occupational Health Centre situated in the premises of power House-6 (IEL) inside Tata Steel Works, Jamshedpur. For Collection and disposal of Bio-medical waste, it has MoU with Bio-Genetic Lab (P) Ltd, Reg. Office: 69, Samarat Mega Mart, Nawadih, Dhanbad, PIN-828125, Jharkhand.
	(v) Tel. No, Fax No	:	Telephone no.-0657-2443560
	(vi) E-mail ID	:	bhansdah@tatapower.com
	(vii) URL of Website		www.tatapower.com
	(viii) GPS Coordinates of HCF or CBMWTF		Latitude- 22°47'40'' Longitude- 86°12'24''
	(ix) Ownership of HCF or CBMWTF	:	Private HCF
	(x) Status of Authorization under the Bio-Medical Waste		Authorization no. File no. of authorization and date of issue:


	(Management and Handling) Rules		JSPCB/HO/RNC/BMW-3185136/2019/14 dated 09/03/2019, Valid up to - Life time.
	(xi) Status of Consents under Water Act and Air Act		Valid up to: 31.12.2025 (Ref no. JSPCB/HO/RNC/CTO-8974768/2021/1052 Dated: 2021-09-14).
2.	Type of Health Care Facility	:	(Works First Aid Station)
	(i) Bedded Hospital	:	No. of Bed: (00) Nil
	(ii) Non- bedded hospital (Clinic or Blood Bank or Clinical Laboratory or research Institute or Veterinary Hospital or any other)		Yes (Works First Aid Station)
	(iii) License number and its date of expiry		119165 and 119166 Dtd.22.05.2019 Valid till 21.05.2024
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 : 0.295 Kg Red category : NIL White : NIL Blue category : 0.225kg General Solid waste: Not applicable
5.	Details of the Storage, treatment, transportation, processing, and Disposal Facility		
		:	Size: 1.5 ft X 1.5ft

(i) Details of the on-site storage facility		Capacity: 5 kg Provision of on-site storage: - (Cold storage or any other Provision- AC Room).			
(ii) Details of the treatment or disposal facilities: MoU between Power House-6 (Industrial Energy Limited) and Bio-Genetic Lab Pvt Ltd, for treatment and disposal of Bio-medical waste.		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
(iii) Quantity of recyclable wastes solid 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	:	01 no. (Common Facility Vehicle)			

	(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 (P) Limited, Reg. Office: 69, Samarat Mega Mart, Nawadih, Dhanbad, PIN-828125, Jharkhand.												
	(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		10												
	(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		(Air pollution control Devices attached with the Incinerator by CBMWTF)

Certified that the above report is for the period from Jan'2022 to Dec'2022.


 Name and Signature of the Head of the Institution

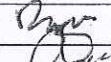
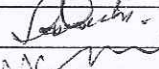
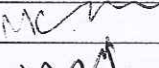
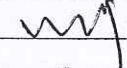

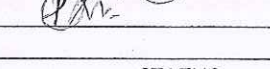
Date: 31-01-2023

Place: Jamshedpur

INDUSTRIAL ENERGY LIMITED
POWER – HOUSE #6
Inside Tata Steel Works, Jamshedpur-1
Review meeting for compliance under BMW Rules
Record Notes


Meeting #: 2/22	Date: 10/12/2022
Venue : Conference Room PH#6	Page: 1 of 1

Present:

Mr. Basudev Hansdah	Station Head-PH6 (Head of Committee)	
Dr. S Khuntia	Doctor In charge (FAC), Member	
Mr. Mukul Kumar Singh	Head- Environment PH#6, Member	
Mr. Niraj Singh	HR, Member	
Mr. Ajit Bilolikar	Lead Engineer-C&E, PH#6, Member	
Mr. Pawan Kumar	Lead Engineer- Environment, Member	

Jl No.	AGENDA/ DISCUSSION POINTS	RESPONSIBILITY	STATUS
1	Previous Action Points	Niraj Singh	No Pending Issues
2	Ensure provision within the premises for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers as per rule.	Dr S. Khuntia	In place
3	Training to all health care workers imparted & records maintained.	Dr S. Khuntia	Provided, records in place
4	To establish a Bar-Code System for transportation of medical waste containers as per rule.	Dr S. Khuntia & Mr. Niraj Singh	Bar code implemented.
5	Health checkup of all health care workers at least once in a year & during induction.	Dr S. Khuntia & Mr. Niraj Singh	Done, Records are in place.
6	Display of monthly record on website and uploading annual report on website	Mr. Mukul Singh & Mr. Niraj Singh	Continuous, system in place.
7	Every occupier or operator handling BMW shall make an application for renewal of authorization/consents as per applicability.	Mr. Mukul Singh	Valid, system in place.
8	Submission of annual report to the prescribed authority in Form-IV of every year.	Mr. Mukul Singh	For CY 2021-submitted as per rule & for CY2022 will be submitted before 30 th June'2023.
9	Ensure that BMW being handled without any adverse effect to human health and the environment.	Dr S. Khuntia	In place
10	No chlorinated plastic bags and blood bags to be used.	Dr S. Khuntia	In place
11	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 S. Khuntia	In place
12	Display the monthly record on its website	Mr. Pawan Kumar/Mr. A. Bilolikar	In place
13	Bar code and global positioning system shall be added by the occupier and common BMW treatment facility.	Dr S. Khuntia	In place
14	Granting of authorization for handling of BMW from PCB	Mr. Mukul Singh	In place


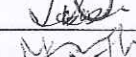
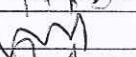

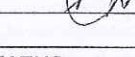
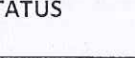
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Head of Committee
CC: All Members


INDUSTRIAL ENERGY LIMITED
POWER-HOUSE-6
Inside Tata Steel works, Jamshedpur-1
Review meeting for compliance under BMW Rules
Record Notes

Meeting: 1 / 22	Date: 28/6/2022
Venue : Conference Room	Page: 1 of 1

Present:

Mr. Basudev Hansdah	Station Head- PH6 (Head of Committee)	
Dr. S. Khuntia	Doctor-in-charge (FAC)	
Mr. Mukul Singh	Head-Environment, PH6 - Member	
Mr. Niraj Singh	HR - Member	
Mr. Ajit Bilolikar	Lead Engineer-C&E, PH6 - Member	
Mr. Pawan Kumar	Lead Engineer-Env - Member	

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3	Training to all health care workers imparted & records maintained.	Dr. S. Khuntia	Provided, records in place.
4	To establish a Bar-Code System for transportation of medical waste containers as per rule.	Dr. S. Khuntia & Mr. Niraj Singh	Bar code implemented.
5	Health checkup of all health care workers at least once in a year & during induction.	Dr. S. Khuntia & Mr. Niraj Singh	Done, Records are in place.
6	Display of monthly record on website and uploading Annual report on website.	Mukul Singh & Mr. Niraj Singh	Continuous, system in place.
7	Every occupier or operator handling BMW shall make an application for renewal of authorization/ consents as per applicability.	Mukul Kr. Singh	Valid. system in place.
8	Submission of annual report to the prescribed authority in Form-IV of every year.	Mukul Kr. Singh	For CY 2021- submitted as per rule & for CY2022 will be submitted before 30 th June'2023
9	Ensure that BMW being handled safely, without any adverse effect to human health and the environment.	Dr. S. Khuntia	In place
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 -Sd- Head of Committee

CC: All Members