



GE Transportation
a Wabtec company

GE Diesel Locomotive Pvt. Ltd.

Village- Bajid Bhorha, Thana No.- 45
& Talpuraina, Thana No. 47,
Village - Chanda, Tehshil - Marhowra,
District - Saran, Chapra, Bihar - 841419
T +91 6159 710 101
CIN No. U35990DL2015PTC285220
Website - www.WabtecCorp.com

GEDL/2021/06/06

22 June 2021

To,

The Member Secretary

Bihar State Pollution Control Board , Patna

Sub. : Sub-mission of Annual return Under Bio Medical Waste Rule - 2016

Ref : Bio Medical Waste Authorization BMW/151/19/B-171 dated 25.01.21

Sir,

We are hereby submitting the Annual return Under Bio Medical Waste Rule – 2016 for year 2020.

Kindly acknowledge the receipt of the same.

Thanking You,

Yours Sincerely

Shankarjyoti Dhar

Vice President-Plant Management



Enclosure : Filled Form IV

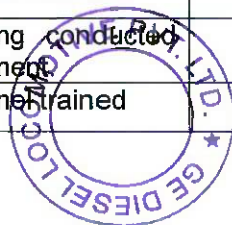
**From –IV
(See rule 13)
Annual Report**

[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)	:	Shankarjyoti Dhar
	(ii) Name of HCF or CBMWTF	:	GE Diesel Locomotive Pvt. Ltd.
	(iii) Address for Correspondence	:	Village: Bajid Bhoraha, Thana No. 45 and Talpuraina, Thana No. 47, Dist. – Saran.
	(i) Address of Facility	:	Village: Bajid Bhoraha, Thana No. 45 and Talpuraina, Thana No. 47, Dist. – Saran.
	(ii) Tel. No. Fax. No.	:	06159-710110, 09945744500
	(V) E-mail ID	:	Shankar.dhar@wabtec.com
	(i) URL of Website	:	https://www.wabteccorp.com/
	(ii) GPS coordinates of HCF of CBMWTF	:	N: 25.56.20.0 E: 84.48.28.6
	(iii) Ownership of HCF of CBMWTF	:	JVC between GE Transportation (A Wabtec Company) and Indian Railway
	(iv) Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules.	:	Authorization Under Biomedical Waste: BMW/151/19/B-171 dated 25-01-2021 Valid up to: One time
	(v) Status of Consents under Water Act and Air Act.	:	Consent Under Air Act: M/T-3-2017/19-3138 Valid up to 11-09-2023 Consent Under Water Act: M/T-3-2017/19-3139 Valid up to 11-09-2023
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	
	(ii) Non-Bedded Hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	Occupational Health Center for First Aid
	(iii) License number and its date of expiry.	:	NA
3.	Details if CBMWTF	:	
	(i) Number healthcare facilities covered by CBMWTF	:	NA
	(ii) No. of beds covered by CBMWTF	:	NA
	(iii) Installed treatment and disposal capacity of CBMWTF	:	NA
	(iv) Quantity of biomedical waste treated or disposal by CBMWTF	:	NA
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow category: 12.2 Kg /Annum Red Category: 17.2 Kg/ Annum White: 2.0 Kg/Annum Blue Category: 2.5 KG/ Annum General Solid waste: Nil
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility	:	
	(i) Details of the on-site storage facility	:	Size : covered Bin as per color code Capacity: 2 kg each Provision of on-site storage: (cold storage or any other provision)



	(ii) Disposal Facilities		<table border="1"> <thead> <tr> <th>Type of Treatment Equipment</th> <th>No. of Units</th> <th>Capacity Kg/day</th> <th>Quantity treated or disposed in Kg per Annum</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td></td> <td></td> <td>NA</td> </tr> <tr> <td>Plasma Paralysis</td> <td></td> <td></td> <td>NA</td> </tr> <tr> <td>Autoclaves</td> <td></td> <td></td> <td>NA</td> </tr> <tr> <td>Microwave</td> <td></td> <td></td> <td>NA</td> </tr> <tr> <td>Hydroclave</td> <td></td> <td></td> <td>NA</td> </tr> <tr> <td>Shredder</td> <td></td> <td></td> <td>NA</td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td></td> <td></td> <td>NA</td> </tr> <tr> <td>Sharps encapsulation or concrete pit</td> <td></td> <td></td> <td>NA</td> </tr> <tr> <td>Deep Burial pits:</td> <td></td> <td></td> <td>NA</td> </tr> <tr> <td>Chemical disinfection:</td> <td></td> <td></td> <td>NA</td> </tr> <tr> <td>Any other treatment equipment:</td> <td></td> <td></td> <td>NA</td> </tr> </tbody> </table>	Type of Treatment Equipment	No. of Units	Capacity Kg/day	Quantity treated or disposed in Kg per Annum	Incinerators			NA	Plasma Paralysis			NA	Autoclaves			NA	Microwave			NA	Hydroclave			NA	Shredder			NA	Needle tip cutter or destroyer			NA	Sharps encapsulation or concrete pit			NA	Deep Burial pits:			NA	Chemical disinfection:			NA	Any other treatment equipment:			NA
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	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.		NA																																																
	(iv) No of vehicles used for collection and transportation of biomedical waste.		MOU done with Authorized vendor. Sent through M/s Medicare vehicle. No separate vehicle used.																																																
	(v) Details of incineration ash and ETP sludge generated and disposal during the treatment of wastes in Kg per annum		NA																																																
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of		Medicare Env. Management Private Limited, A-19, phase 2, Bela Industrial Area, Muzaffarpur-842005																																																
	(vii) List of members 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.		Bio-medical waste committee meeting conducted two times in year. MoM enclosed with this form.																																																
7.	Detail trainings conducted on BMW																																																		
	(i) Number of training conducted on BMW Management		2																																																
	(ii) Number of personnel trained		16																																																



	(iii) Number of personnel trained at the time of induction		8 new people joined, and induction training provided by ISOS.
	(iv) Number of personnel not undergone any training so far.		Nil
	(v) Whether standard manual for training is available ?		Yes
	(vi) Any other information)		(i) Classroom training by factory medical officer (ii) Online training module on blood born pathogen
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)		NIL
	(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?		Incinerator is not installed in our factory
	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.		NA
11.	It the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?		NA
12.	Any other relevant information		NA

Certified that the above report is for the period from 1st Jan 2020 to 31st Dec 2020

Date: 22 June 2021

Place: Marhowra, Bihar



Name and Signature of the Head of the Institution



GE Diesel Locomotive Private Limited
Occupational Healthcare Centre – Marhowra

Meeting Agenda	Review of BMW Management at OHC - Marhowra
Venue	Microsoft Teams Meeting
Date	01.07.2020
Time	5:00PM – 6:00PM

Sl. No.	Name of Attendees
1	Dr Manish Gyra
2	Mr. Manoj Kumar
3	Mr. Sriprakash Srivastava
4	Mr. Debashish Banerjee
5	Mr. Hemal Bhagat
6	Mr Rajesh Ranjan

Agenda:

1. Introduction on BMW Rule, 2016 and BMW Management Committee
2. Compliance and existing practice at the OHC
3. Biomedical waste generation and disposal status in Jan'20 to Jun'20 period
4. Immunization of Health Staff
5. Bar code system for containers / bags

Discussion Summary:

Sl. No.	Activity / Task	Timeline
1	Four category waste bins are placed at identified places	Done
2	Waste collection partner – M/S Medicare Environmental Private Limited to collect BMW till 31 st Aug 2021 as per current agreement.	Ongoing
3	Hepatitis-B and TT immunization of doctor and other OHC personnel	Done
4	Bar code system in place	Done
5	Health checkup detail of paramedic and doctor is maintained by OHC running agency.	Done
6	Training of housekeeping staff of OHC on regular interval.	Ongoing
7	Buy digital weighing machine with reading capacity in grams. (not multiple of 10 grams)	31-July-20
8	Share waste collecting vehicle details to Security	10-July-20
9	Review stock of medicines and optimize to minimizing risk of expiry.	15-July-20
10	Revise current bio-medical permitted limit by applying to Bihar State Pollution Control Board.	July'20



GE Diesel Locomotive Private Limited
Occupational Healthcare Centre – Marhowra

Meeting Agenda	Review of BMW Management at OHC - Marhowra
Venue	Microsoft Teams Meeting
Date	18.12.2020
Time	2:00PM – 3:00PM

Sl. No.	Name of Attendees	Sl. No.	Name of Attendees
1	Dr Navnit Kumar	4	Mr Ravi Sharma
2	Mr Manoj Kumar	5	Mr Aman Payasi
3	Mr Sriprakash Srivastava	6	Mr Rajesh Ranjan

Agenda:

1. Review of points open from last committee meeting held on 01/07/2020.
2. Review existing practice at the OHC
3. Biomedical waste generation and disposal status in Jan'20 to Dec'20 period
4. BMW authorization compliance status.

Discussion Summary:

Sl. No.	Activity / Task	Timeline
1	Waste collection partner – M/S Medicare Environmental Private Limited to collect BMW till 31 st Aug 2021 as per current agreement.	Ongoing
2	Current waste generation limit - We have not received approval from SPCB on the revised quantity yet. Application date:10 th Aug 2020; Revised quantity: Red/Yellow – 75 gram per day in each category; Blue/White – 25 gram per day in each category.	Not Available
3	Waste generated in Jan'20 to Dec'20 period: Yellow- 12049 gram; Red- 16472 gram; Blue – 2500 gram	--
4	Review the size of white container and its frequency of collection by BMW collecting agency.	31.12.2020
5	Hepatitis-B and TT immunization of doctor and other OHC personnel	Done
6	Bar code system in place	In place
7	Annual calibration of weighing machine.	31.12.2020
8	Health checkup detail of paramedic and doctor is maintained by OHC running agency.	Done
9	Training of housekeeping staff of OHC on regular interval.	Ongoing
10	Include remarks column in the monthly waste data tracker and write brief about items discarded in the BMW.	Done
11	Replacement of medicine and other consumables through supplier before expiry to avoid expired medicine waste.	15.01.2021
12	Include Ravi Sharma as one of authorized persons to sign gate pass for BMW handover to the collection partner agency.	Ongoing

