



HINDUSTAN ZINC LIMITED

P.O.Zawar Mines, Udaipur-313901 Tel.:(91-0294)2726600 Fax:: (91-0294) 2726243

Ref: ZM/ENV/BMW/2018-19 1397

Dated: 06.01.2020

By Registered Post

Member Secretary, Rajasthan State Pollution Control Board, 4-Institutional Area, Jhalana Dungri, Jaipur-302004 (Rajasthan)

Sub: Annual Report (Form-IV) under Bio-Medical Waste (M&H) Rules 2016

Ref.: Authorization No F(BMW)/Udaipur(Sarada)/1(1)/2010-2011/225-226 Dated 11/05/2017

Sir

Please Find enclosed herewith the Annual compliance report (Form-IV) for the period of January 2019 to December 2019 for Bio-Medical Waste (Management & Handling) Rules, 2016

Thanking You

Yours Faithfully

(Dr. C.S. Mishis Medical Officer Asso.Chief Medical Officer Limited

Central Hospital, Zawar Mines

CC: (1) Regional Officer, Rajasthan State Pollution Control Board, F-470, Near UCCI Building, Madri Industrial Area, Udaipur-313003 (Raj)

(2) Chief Medical Officer, Head Office Hospital, Udaipur

(3) Central Hospital, Zawar Mines

(4) Office Copy (Env Cell)

FORM-2 (See Rule 10) ANNUAL REPORT

1 Particulars of Applicant

HINDUSTAN ZINC LIMITED

ZAWAR MINES

2 Name of the Authorized Person (Occupier)

Shri B.S. RATHORE

DIRECTOR

(In block letters & in full)

HINDUSTAN ZINC LIMITED, Zawar Mines, Teh.-Sarada, Dist- Udaipur (Raj) Pin-313901

Ph- 0294-2726600, Fax:0294-2726243

3 Name of the Authorized Person (Operator)

Dr. C.S. Mishra Asso. C.M.O.

Hindustan Zinc Limited Zawar Mines, Teh.-Sarada, Dist- Udaipur (Raj) Pin-313901

4 Name of Institution Address (Tele No Fax No Telex No) **Central Hospital**

Hindustan Zinc Limited Zawar Mines, Teh.-Sarada, Dist- Udaipur (Raj) Pin-313901

Ph-0294-2726611-12, Fax (0294) 2726243

5 Categories of waste generated and quantity on monthly basis

As per Annexure

6 Brief Details of Treatment Facility

MODE OF TREATMENT AND DISPOSAL OF BMW.

Category of Waste	Type of Waste	Method for treatment and disposal						
1	Human Anatomical Waste (Placenta, human tissues)	Sent to M/s en-vision Enviro Engineers Pvt. Ltd., Udaipur for treatment at Common Bio-medical Waste Disposal Facility.						
4	Waste Sharps	Sent to M/s en-vision Enviro Engineers Pvt. Ltd., Udaipur for treatment at Common Bio-medical Waste Disposal Facility.						
6	Soiled Waste	Sent to M/s en-vision Enviro Engineers Pvt. Ltd., Udaipur for treatment at Common Bio-medical Waste Disposal Facility.						
7	Solid Waste (Catheters, intravenous sets and plastic Bottles)	Sent to M/s en-vision Enviro Engineers Pvt. Ltd., Udaipur for treatment at Common Bio-medical Waste Disposal Facility.						
8	Liquid Wastes	Chemical treatment* and discharge into drain.						

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)

SN	Particulars Particulars of the Occupier	Description						
1	Particulars of the Occupier							
	(I)Name of the authorised person (occupier or operator of the facility)	B.S. Rathore, Director Hindustan Zinc Limited, Zawar Mines–313901 Dist-Udaipur (Raj) Ph- 0294-2726600, Fax:0294-2726243						
	(II)Name of HCF or CBMWTF	Central Hospital, Hindustan Zinc Limited, Zawar Mines–313901 Dist-Udaipur (Raj) Ph-0294-2726611-12, Fax (0294) 2726243						
	(III)Address for Correspondence	Same as above						
	(IV)Address of Facility	Same as above						
	(V)Tel. No. Fax No.	Same as above						
	(VI)E-mail ID	Same as above						
	(VII)URL of Website	Same as above						
	(VIII)GPS coordinates of HCF or CBMWTF	- 1 1						
	(IX)Ownership of HCF or CBMWTF	Private						
	(X)Status of Authorization under the Bio-Medical	Auth. No-F(BMW)/Udaipur(Sarada)/1(1)/2010-						
	Waste (Management and Handling)Rules	2011/225-226 Date 11-05-2017 Valid Upto 30-04-2022						
	(XI)Status of Consents under Water Act and Air Act	CTO No-F(Tech)/Udaipur(Sarada)/6(1)/2010- 2011/227-228 Date 11-05-2017 Valid Upto 30-04-2022						
2	Type of Health Care Facility	LOTTILLE DATE IT OF LOTT VAIIN OPTO OF OF LOTE						
_	(I)Bedded Hospital	Yes						
	(II)Non-Bedded Hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or	NA NA						
	Veterinary Hospital or any other)	NA						
0	(III)License number and its date of expiry	IVA						
3	Details of CBMWTF (I)Number healthcare facilities covered by CBMWTF	NA						
		NA						
	(II)Number of beds covered by CBMWTF	IVA						
	(III)Installed treatment and disposal facility of CBMWTF	Kg/day NA						
	(IV)Quantity of bio-medical waste treated or disposed by CBMWTF	Kg/day NA						
4	Quantity of waste generated or disposed in Kg/annum (on monthly average basis)	Yellow Category-Annexure are attached Red Category-Annexure are attached White Category-Annexure are attached Blue Category-Annexure are attached General Solid Waste-Annexure are attached						
5	Details of the Storage treatment transportation processing and Disposal Facility							
	(1)Details of the on-site storage facility	Size-NA Capacity-NA Provision of on-site storage-NA (Cold storage or any other provision)						
	(II)Disposal Facility	Type of treatment No of units capacity kg/da Qty treated or Epuipment disposed in kg/annum Incinerators-No Plasma Pyrolysis-NA Autoclaves-NA Microwave-No 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						

SN	Particulars	Description		
	(III)Quantity of recyclable waste sold to authorized recyclers after treatment in kg/annum	Nil	Red Category (like plastic, glass etc)
	(IV)No of vehicles used for collection and transportation of biomedical waste	One		
	(V)Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in kg/annum	Incineration Ash ETP Sludge	Quantity Where Generated dispos NA NA NA NA NA NA	
	(VI)Name of the Common Bio-medical Waste Treatment Facility Operator through which wastes are disposed of	M/s en-visio	n Enviro Engineers Pvt Ltd Udaipur	
	(VII)List of Member HCF not handed over bio- medical waste	-		
3	Do you have bio-medical waste management committee? If Yes attached minutes of the meetings held during the reporting period	Yes		
,	Details trainings conducted on BMW			
	(I)Number of training conducted on BMW	1		
	Managment (II)Number of personnel trained	1	3	
	(III)Number of personnel trained at the time of induction	1		
	(IV)Number of personnel not undergone any training so far	0		
	(V)Whether standard manual for training is available?	NA		
	(VI)Any other information	-		
3	Details of the accident occurred during the year			
	(I)Number of Accidents occured	Nil		
	(II)Number of the persons affected (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?	NA		
	Details of Continuous online emission monitoring system 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	Is 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 (Air Polli Incinerator)	ution Control Devices attached with the	ne

Certified that the above report is for the period from Jan-19 to Dec-19

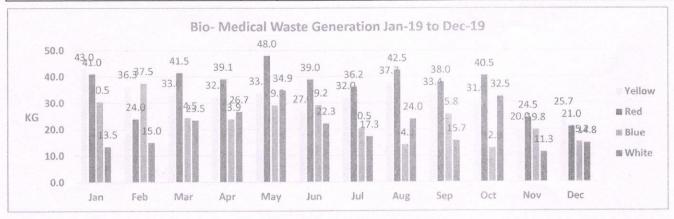
Name and Signature of the Head of the Institution

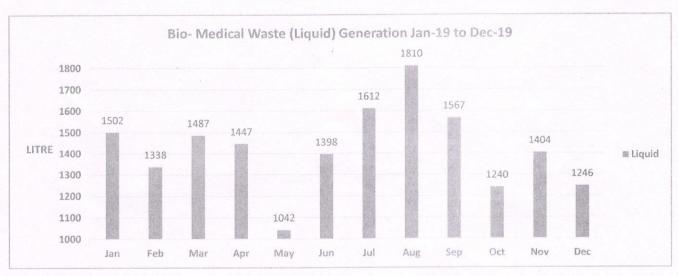
Date- 06.01.2020 Place- Zawar Mines

Chief Medical Officer
Central Hospital
Hindustan Zinc Limited
Zawar Mines

Bio- Medical Waste (Management & Handling) Rules,1998 Bio- Medical Waste Generation Jan -19 to Dec-19

Category	Type of Waste	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Yellow	Human Anatomical, Soiled, Expired or Discarded Medicines, Chemical Liquid, Waste, Discarded linen, Microbiology, Biotechnology and other, clinical laboratory waste (Kg)	43.0	36.3	33.0	32.3	33.8	27.0	32.0	37.7	33.4	31.0	20.0	25.7
Red	Contaminated waste (Recyclable) (Kg)	41.0	24.0	41.5	39.1	48.0	39.0	36.2	42.5	38.0	40.5	24.5	21.0
Blue	Glassware and Metallic Body Implants (Kg)	30.5	37.5	24.5	23.9	29.2	29.2	20.5	14.2	25.8	12.9	19.8	15.2
White	Translucent-Needles, Syringes with fixed needles, discarded and contaminated metal sharps etc (Kg)	13.5	15.0	23.5	26.7	34.9	22.3	17.3	24.0	15.7	32.5	11.3	14.8
Liquid	Liquid Waste in Ltr	1502	1338	1487	1447	1042	1398	1612	1810	1567	1240	1404	1246
No. of trips by M/s en-vision Enviro Engineers, Udaipur		15	14	15	15	16	15	15	15	14	17	15	15





Name and Signature of the Head of the Institution

Chief Medical Officer
Central Hospital
Hindustan Zinc Limited
2.awar Mines





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TO WHOMSOEVER THIS MAY CONCERN

The is to serily the HINDUSTAN ZINC LYD. (CENTRAL HOSPITAL, ZAWAR MINES) located at HZL, CENTRAL HOSPITAL, ZAWAR HINES have obtained the naturestage of Biomedical Weste Management at Centralong Commission Waste Decision Front to State Albage | Union Decision Decision Decision |

Free has 8 agreed to display the Remedical Waste at our display as \$46 the rules and regulation of Rejestings Proletion Council Board and care the charge for the same.

Membership Later to Hospital & Research Center Membership Later UOR097 No. Of took. 28 (Yaranty-Eight)

Validity Date: Up to 31.03.2020

Innue Setup 21 04 2019

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