

## HINDUSTAN ZINC LIMITED

Registered Office : Yashad Bhawan, Udaipur - 313004 (Raj.)  
HO Dispensary : Moti Magri Scheme, Udaipur -313 004 (Raj.)  
Telephone No : 0294 - 2427020  
Fax No. : 0294 - 2427695

HZL/HO/Disp/BMW/18/

January , 09 2018

To,  
The Regional Officer,  
RSPCB, F-470, Near UCCI  
Madri Industrial Area  
Udaipur-313 001  
Rajasthan.

Sub : Authorization for under the Bio - Medical Waste (M.and H) Rules -1998.

Ref. : Your letter No.F(BMW)/Udaipur(Girwa)/1781(1)/2014-2015/489-490 dt.19.07.2017

Dear Sir,

Please find enclosed the Form No.1, Annexure-II, Compliance Report , Annual Report with FORM-2 for Bio-Medical Waste (M&H) Rules-1998.

Thanking you,

Yours Faithfully,

DR. P. (Dr. Salma Shah),  
Chief Medical Officer,  
CHIEF MEDICAL OFFICER  
HINDUSTAN ZINC LIMITED  
UDAIPUR-313 004

FORM - I  
(See Rule 8)  
APPLICATION FOR RENEWAL AUTHORISATION  
(To be submitted in duplicate)  
The Regional Officer,

Regional Office,  
Rajasthan State Pollution Control Board  
F/470, Madri Industrial Area,  
Near UCCI Building,  
Udaipur ('Raj.).

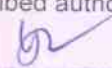
1. Particulars of Applicants :
- i Name of the Applicant : DR. SALMA SHAH  
(In block letters & in full) : CHIEF MEDICAL OFFICER,  
II. Name of the Institution : HINDUSTAN ZINC LIMITED  
Name of the Institution Address : HO DISPENSARY, YASHAD BHAWAN  
MOTI MAGRI SCHEME, UDAIPUR (RAJ.)  
Tele. No. and Fax No. : Phone- 0294-2427020, 2427695
2. Activity for which authorizations sought :
- I. Generation : Category 4,6,7,8 of schedule-I -5  
II. Collection : Category 4,6,7,8 of schedule-I -5  
III. Reception : No  
IV. Storage : No  
V. Transportation : No  
VI. Treatment : Through En-Vision Enviro Engg Pvt.Ltd.  
VII. Disposal : -do-  
VIII. Any other form of handling
3. Please state Whether applying for fresh authorization or for renewal :  
(In case of renewal previous authorization – number and date) RENEWAF/BMW(girwa)/1781/2014-  
2015/356-357/463 dt.09.07.2014
- i Address of the institution handling Bio-medical wastes : En-Vision Enviro Engineering Pvt. Ltd.,  
4. ii Address of the place of the treatment facility : HEAD OFFICE, Dispensary  
iii Address of the place of disposal of the waste : -do-
5. I Mode of transportation (if any) Bio-medical waste : N.A.  
ii Mode(s) of treatment : Please see Annexure - I
6. Brief description of method of treatment and disposal (Attach details) : see Annexure - I  
i Category (see schedule 1) of waste to be handled : see Annexure - II  
ii Quantity of waste (category-wise) to be handled per month : see Annexure - II

DECLARATION

I do hereby declare that the statement made and information's given above are true to the best of my knowledge and believe that I have not concealed any information.

I do also hereby undertake to provide any further information sought by the prescribed authority in relation to these rule to fulfill any conditions stipulated by the prescribed authority.

Date : 09.01.2018  
Place : Udaipur

  
DR. (DR. SALMA SHAH)  
Chief Medical Officer  
Signature of the Applicant  
Designation of the Applicant  
HINDUSTAN ZINC LIMITED

Annexure-I

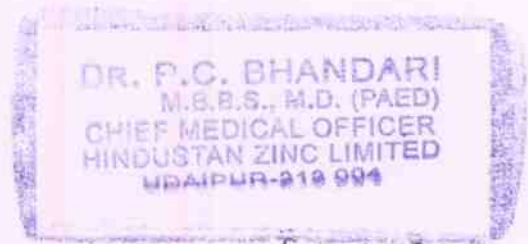
Brief description of method of treatment and disposal

The Dispensary of HZL HO office provide services to outdoor patients only with two observation beds. Therefore low volume of hospital wastes are generated.

All waste are being disposed to registered BMW disposal agency authorized by RPCB **(En-Vision Enviro Engineer Pvt, Ltd.)**

Liquid effluent under category 8 of the schedule is treated with Hypo-chloride solution in a tank to ensure disinfection of effluent.

*gm*




Annexure-II

**BIO MEDICAL WASTE**

From 01.01.2018 to 31.01.2018

S.No	OPTION	WASTE CATEGORY	QUANTITY GENERATED
1.	Category No. 4	Waste sharp used disposable needle, I.V. drip set needle and few glass material.	6.40 Kgs
2.	Category No. 6	Solid waste infected cotton & dressing material.	6.30 Kgs
3.	Category No. 7.	Disposal solid waste other than sharp waste, like I.V. drip, plastic bottles, drip set, rubber tubing etc.	6.30 Kgs
4.	Category No. 8.	Liquid waste generated from Laboratory, washing and cleaning of hospital.	130-160 Ltrs.

  
**DR. P.C. BHANDARI**  
M.B.B.S., M.D. (PAED)  
CHIEF MEDICAL OFFICER  
HINDUSTAN ZINC LIMITED  
HBRIPBR318 B03

**FORM No. XIII-A**  
**APPLICATION FOR CONSENT TO OPERATE**

Applications for consent to discharge or continue to discharge sewage or trade effluent Under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974.

TO BE SUBMITTED IN TRIPLICATE)

(See rule 29)

**From:**

HINDUSTAN ZINC LIMITED  
HO - DISPENSARY, MOTI MAGRI SCHEME,  
UDAIPUR (RAJ.)

**To,**  
REGIONAL OFFICER,  
REGIONAL OFFICE,  
RAJASTHAN STATE POLLUTION CONTROL BOARD  
470 - NEAR UCCI BUILDING, MEWAR INDUSTRIAL AREA MADRI,  
UDAIPUR (RAJASTHAN.)

Sir,

I/We hereby apply for consent/Renewal of Consent under section 25 or Section 25/26 of The Water (Prevention and Control of Pollution) Act 1974 (No. 6 of 1974) for bringing into use/discharge or to continue to discharge sewage premises owned by Head Office Dispensary, Moti Magri Scheme, Udaipur (Raj.).

The relevant details are as follows:

- |    |  |   |  |
|----|--|---|--|
| 1. | Full Name of the Owner/ Occupier   | : | DR.SALMA SHAH<br>Chief Medical Officer   |
| 2. | Name, Address, Telephone Numbers and Fax of the Applicant. The List of individuals, partners, Chairman (Full time or part time) Managing Director/ Manager(Full time or part time) & other office bearer with their Telephone Nos. and Address. List of Directors. | : | Head Office , Dispensary<br>Hindustan Zinc Limited<br>Moti Magri ,Scheme<br>Udaipur (Raj.)<br><br>Tel.No. 0294- 2427020<br>0294- 2427695 |
| 3. | Name and Address of Unit and its Location.   | : | Head Office , Dispensary<br>Hindustan Zinc Limited<br>Moti Magri ,Scheme<br>Udaipur -313001 (Raj.)                                       |
| 4. | Category and scale of Industry   | : |  |

Part-'A' General:

- |   |  |   |    |
|---|--|---|----|
| 5 | Number of employees with in Factory premises and in the Colony | : | 09 |
|---|--|---|----|
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6. Raw Material : NA

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Name : Quantity (TPD)  
Number of beds : 02 (Observation Beds)  
Laboratory : Yes  
Sonography : No  
TMT : No  
Medical Consultancy : Yes  
Product and by- product : N.A.

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Name : Quantity (TPD)  
7. Installed capacity of the plant (unit/ Annum): : No. of bed -02 (Observation Beds)  
8. Date of commissioning : January, 1, 1998  
9. Storage capacity of raw materials/product/products : N.A.

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S.No.	Particulars	Name	Nature	Production	Storage Capacity
(i)	Raw Materials			:	
(ii)	Products			:	
(iii)	By products			:	N.A.

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11. Management plan : N.A.  
a. Maintenance schedule of control equipment of Particulars of environmental cell/  
Laboratory.

12. Details of license, if any, obtained under the provision of the Industrial  
(Development and Regulation) Act. 1951

**PART-'B'** Pertaining to Air Pollution : N.A.

13. Water Consumption (KLD) : 150-200 Liters .per Month  
(a) Boiler/Cooling/Industrial Spray/Mining : Nil  
(b) Domestic :  
(c) Industrial Process : Nil

14. Waste Water Generation

Source (Specify Process) : Quantity (KLD)

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1. Hospital Lab : Total 130-200 Liters Per Month  
2. Cleaning of Hospital : ( 01 to 03)  
3. Domestic :

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V Personal Protective/Safety Measures

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1.	Use of gloves and face marks	:	Yes
2.	Disposable gloves	:	Yes
3.	Latest surgical gloves	:	Yes
4.	Heavy duty rubber gloves	:	Yes
5.	Protective glasses	:	Yes
6.	Plastic Aprons	:	Yes
7.	Special Footwear e.g.gum boots	:	Yes

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VI Treatment

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1.	Incinerator	:	N.A.
2.	Capacity	:	-
3.	Temperature of chamber I is maintained as per prescribed norms.	:	-
4.	Temperature of chamber II is maintained as per prescribed norms.	:	-
5.	Stack height	:	-
6.	Sanitation at incinerator site	:	-
7.	Waste Water treatment at site	:	Yes- Drained into septic Tank
8.	Log book of incinerator maintained or not	:	N.A.
9.	Name and address of Hospital Utilized for	:	N.A.
10.	Quantity of BMW being incinerated as shared (Kg/day)	:	N.A.
11.	Autoclaving facility/ exist	:	Yes
12.	Microwave exists	:	-

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VII Other information

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1.	Is BMW collection register maintained	:	Yes
2.	Name of service provider	:	M/S En-vision Pvt. Ltd, Udaipur
3.	If the BMW is being stored for 24/48/72 hours	:	48 Hrs.
4.	Present grading	:	NA
5.	Remarks	:	No

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VIII Water and Air Pollution

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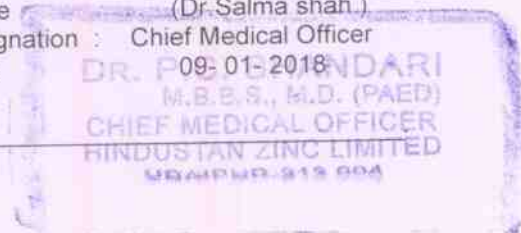
1.	Water Consumption	:	130-200 L/Month
2.	Waste Water from Utilities i.e. toilet Kitchen etc.	:	
	A-Quantity	:	130-200 L/Month
	B-Treatment	:	N.A.
	C-Disposal arrangement	:	Septic Tank

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3.	Air Pollution			NA
Source Name	PCM	Stack height	Fuel	Whether infrastructure Facility Provided For Monitoring. - N.A.
From Above Govt. roof	Type		Consumption per hors	- N.A.

- |    |  |   |  |
|----|--|---|--|
| 1. | Whether autoclave dedicated for the purpose of disinfecting and (If yes, following information Provided                | : | -No- Material Sent to E-Vision Enviro Pvt. Ltd., Udaipur<br>may be provided) |
|    | (a) Type of autoclave  | : | -  |
|    | (b) Capacity of autoclave  | : | -  |
| 2. | Whether deep burial is practiced If, yes whether burial is done as per Prescribed standards in schedules of BMW rules. | : | - NO   |
| 3. | Materials use in hospital  | : |  |
|    | (i) Detergents (Kg/month)  | : | 02 Kgs./Months   |
|    | (ii) Disinfecting chemical (Qty/month)   | : | 1-3 Liters/Months  |
|    | (iii) Polythene bags (No. of bags/month)   | : | Purchased & is being used  |
|    | (iv) Any other   | : |  |
| 4. | Whether record maintained for generation of Bio-medical waste category wise  | : | Yes  |
| 5. | Average occupancy (%) in the year  | : | N.A.   |
| 6. | No. of patients served per day/month   | : |  |
| 7. | (i) Indoor   | : | Dispensary   |
|    | (ii) Outdoor   | : | 3010-3250 Per Month  |

Signature : \_\_\_\_\_  
 Name : (Dr. Salma shah.)  
 Designation : Chief Medical Officer  
 Date : 09-01-2018





**FORM-2**  
(See Rules-10)  
**ANNUAL REPORT**

1. Particular of Application : HINDUSTAN ZINC LIMITED
- i)- Name of the authorized person (Occupier/Operator) (In Block letters and in full) : DR. P. C. BHANDARI  
HINDUSTAN ZINC LIMITED,  
HO, DISPENSARY, MOTI MAGRI  
SCHEME, UDAIPUR (RAJ.)
- ii)- Name of Institution Address : HINDUSTAN ZINC LIMITED  
HO, DISPENSARY  
DIST. UDAIPUR - 313 004  
☎-0294- 2427020, 2427695

2. Categories of waste generated and quantity on a monthly average basis:-

S.No	OPTION	WASTE CATEGORY	QUANTITY GENERATED
1.	Category No. 4	Waste sharp used disposable needle, I.V. drip set needle and few glass material.	6.40 Kgs
2.	Category No. 6	Solid waste infected cotton & dressing material.	6.30 Kgs
3.	Category No. 7.	Disposal solid waste other than sharp waste, like I.V. drip, plastic bottles, drip set, rubber tubing etc.	6.30 Kgs
4.	Category No. 8.	Liquid waste generated from Laboratory, washing and cleaning of hospital.	150-200 Ltrs

- 2- Brief details of the treatment facility.

- In case of Off-site facility : Not applicable.
- 1) Name of the Operator :  
Name and address of the facility : Not applicable  
Tel. No.

Conted...2/-

4. Category wise quantity of waste treated:-

S.No.	Category	Quality generate per month
01.	4	6.40 Kgs
02.	6	6.30 Kgs
03.	7	6.30 Kgs
04.	8	150-200 Ltrs Per day

5. Mode of treatment with details:-

Category	Type of waste	Method for treatment and disposal
Category-4	Waste Sharps	En-Vision Enviro Engg.Pvt.Ltd.
Category-6	Soiled Waste	-do-
Category-7	Solid Waste(Catheters, Intravenous Sets and Plastic Bottle)	-do-
Category-8	Liquid Wastes	Drainage into septic tank

6. Any other information.

Certified that the above report is for the year 2015 ( From July-2015 to December-2015)

Date : 09.01.2018  
Place : Udaipur

