



Energy (Barmer) Limited

(Formerly: Raj WestPower Limited)

Village & Post : Bhadresh, Post Box No. 30,

Distt : Barmer – 344001 (Rajasthan)

CIN : U31102MH1996PLC185098

Phone : +91 2982 229100

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Website : www.jsw.in

Ref: JSWE(B)L/ENV/21-22/005

Date: 30.04.2021

To,

Regional Officer

Rajasthan State Pollution Control Board

Opp. JDVVNL Office, Jasol Road, Near Jasol Fanta,

Balotara - 344 022

Sub: Annual compliance for Authorization “Segregation, Packing, transportation, storage, treatment & disposal of Bio medical in accordance with rule 7 & 8 of BMW Rules, 2016” for the year 2020 of 1080 MW Lignite based Power Plant at Village-Bhadresh, District Barmer.

Authorization Letter No. BMW/2018-19/Balotra/BMW/3.

Dear Sir,

We herewith enclosed annual compliance for Authorization - “**Segregation, Packing, transportation, storage, treatment & disposal of Bio medical in accordance with rule 7 & 8 of BMW Rules, 2016**” of JSW ENERGY (BARMER) LIMITED, Barmer, Rajasthan – Year 2020.

Please acknowledge the same.

Thanking you.

For JSW ENERGY (BARMER) Ltd.

Vinod Kumar Jindal

AGM (LHS, Environment & Chemistry)

Encl. 1. Annual Return FORM 4
2. Details of Authorization Compliance
3. Record Register for BMW.

Cc. The Member Secretary, Rajasthan State Pollution Control Board, Jaipur.



Part of O.P.Jindal Group

Regd. Office : Raj WestPower Ltd., JSW Center, BKC Complex, Bandra (E), Mumbai – 400051

Jaipur Office: Office No. 2 & 3, 7th Floor, Man Upasana Plaza, C-44, Sardar Patel Marg, C-Scheme, Jaipur – 302 001 Ph : 0141 2369772 Fax 0141 2369774

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)]

S.N.	Particulars	
1.	Particulars of the Occupier	
	(i) Name of the authorized person (occupier or operator of facility)	ASHESH KUMAR PADHY
	(ii) Name of HCF or CBMWTF	JSW ENERGY (BARMER) LIMITED, OHC
	(iii) Address for Correspondence	Bhadresh Tehsil: Barmer Dist: Barmer
	(i) Address of Facility	Bhadresh Tehsil: Barmer Dist: Barmer
	(ii) Tel. No. Fax. No.	02982-229222
	(V) E-mail ID	Vinod.jindal@jsw.in
	(i) URL of Website	
	(ii) GPS coordinates of HCF of CBMWTF	Longitude:71.31 Latitude:25.89
	(iii) Ownership of HCF of CBMWTF	Private
	(iv) Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules.	Authorization No. BMW/2018- 2019/Balotra/BMW/3. Valid Up to: Till it is cancelled /revoked.
	(v) Status of Consents under Water Act and Air Act.	Valid up to: 31/12/2023 .
2.	Type of Health Care Facility	Occupational Health Center
	(i) Bedded Hospital	No. of Beds: Two
	(ii) Non-Bedded Hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	---
	(iii) License number and its date of expiry.	----
3.	Details if CBMWTF	N/A
	(i) Number healthcare facilities covered by CBMWTF	---
	(ii) No. of beds covered by CBMWTF	---
	(iii) Installed treatment and disposal capacity of CBMWTF	NA Kg per day
	(iv) Quantity of biomedical waste treated or disposal by CBMWTF	NA Kg/day
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	Yellow category: 0.185 kg/month (2.225kg year) Red Category: Nil White: 0.08 kg/month (1.02kg year) Blue Category: Nil General Solid waste- Nil
5.	Details of the Storage , treatment, transportation, processing and Disposal Facility	
	(i) Details of the on-site storage facility	Size : --- Capacity: -- Provision of on-site storage : (cold storage or any other provision)
	(ii) Disposal Facilities	Type of treatment Equipment No of Units Capacity Kg/day Quantity treated or disposed in Kg /Annum Incinerators Plasma Paralysis Autoclaves Microwave Hydroclave Shredder Needle tip cutter or Destroyer

		Sharps encapsulation Or concrete Pit Deep Burial pits: 1 8m2 4.43 kg Chemical disinfection: -- Any other treatment equipment:
(iii)	Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	: Red Category (like plastic, glass etc.) None
(iv)	No of vehicles used for collection and transportation of biomedical waste.	: N/A
(v)	Details of incineration ash and ETP sludge generated and disposal during the treatment of wastes in Kg per annum)	Quantity Generated Where disposal Incineration Ash ETP Sludge NA N/A
(vi)	Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	: N/A
(vii)	List of member HCF not handed over bio-medical waste.	: N/A
6.	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period.	:
7.	Detail trainings conducted on BMW	
(i)	Number of training conducted on BMW Management,	01
(ii)	Number of personnel trained	10
(iii)	Number of personnel trained at the time of induction	--
(iv)	Number of personnel not undergone any training so far.	0
(v)	Whether standard manual for training is available ?	Yes
(vi)	Any other information)	--
8.	Details of the accident occurred during the year	N/A
I.	Number of Accidents occurred	0
II.	Number of the persons affected	0
III.	Remedial Action taken(Please attach details if any)	--
IV.	Any Fatality occurred, details.	--
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	N/A
	Details of Continuous online emission monitoring systems installed	--
10.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year.	--
11.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	--
12.	Any other relevant information	--

Certified that the above report is for the period from January – 2020 to December – 2020

Veeresh Devaramani
Head of Plant
JSW Energy (Barmer) Limited

Compliance to Authorization for, File No. F(BMW)/Barmer(Barmer)/35(1)/2017-2018/230-232,

Dt: 20/04/2018 - Authorization Letter No. BMW/2018-2019/Balotra/BMW/3

SN	Condition	Compliance
1.	This authorization is valid for operation of the Clinic with 2 (two) number of beds.	Complied
2.	Segregation, packing, transportation, storage, treatment & disposal of bio medical waste shall be in accordance with Rule 7 & 8 of BMW Rules, 2016. The bio medical waste shall be disposed of at Common Biomedical Waste Treatment & Disposal Facility (CBMWTDF) established for the area viz .	Complied - Record - Enclosed
3.	The mercury bearing waste arising due to breakage of thermometers, pressure gauges and other instruments is not to be treated as bio-medical waste or other solid waste. The mercury bearing waste is to be segregated, collected , stored and disposed in accordance with the provisions of Hazardous Waste and other wastes(Management and Transboundary Movement) Rules, 2016.	Complied
4.	The Annual report in accordance with Rule 13 for the period 1st January to 31st December of previous year shall be submitted On or before 30th June of every year in form - IV as prescribed in the Rules and the annual report shall also be made available on the web-site of the occupier. Further, all the health care facilities shall develop their website within two years from the date of notification of the BMW Rules,2016, in case not already developed.	Complied
5.	The hospital shall maintain the record of biomedical waste as per Rule 14 & shall be produced during the inspection.	Record - Enclosed
6.	That the hospital shall phase out use of chlorinated plastic bags, gloves and blood bags within two years from the date of notification of the BMW Rules, 2016.	Not being used
7.	That the hospital shall establish a Bar-Code System for bags or containers containing bio-medical waste to be sent out of the premises or place for any purpose within one years from the date of the notification of the BMW Rules, 2016.	Will Be Complied
8.	That the hospital shall provide training to all its health care workers and others, involved in handing of bio-medical waste at the time of induction and thereafter at least once every year and the details of training programs conducted, number of personnel trained and number of personnel not undergone any training shall be provided in the Annual Report.	Complied – Training Details enclosed
9.	In case of expansion in bed capacity or increase in pollution load, the hospital shall obtain prior Consent to Establish under Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981 & revised Authorization under BMW Rules,2016.	Complied – Will report.
10.	That the hospital shall comply the provisions of Bio-medical Waste Management Rules, 2016.	Complied
11.	That the hospital shall comply with the standards for treatment disposal of Bio-medical Waste as specified under schedule II of Bio-medical Waste Management Rules, 2016.	Complied

12.	That infected hospital liquid waste must be given chemical treatment by using at least 10% hypochlorite solution or any other equivalent chemical reagent to ensure required disinfection as prescribed in part-2 of schedule-I of the Rules.	Complied
13.	That the hospital shall install adequate fire protection equipment (such as smoke detectors, fire extinguishers, sand bucket, fire alarm, Water sprinklers etc.) at salient places with in the premises of the hospital, even at bio-medical storage area, in accordance with the fire safety regulations and to submit certificate of the competent authority in this respect to this office.	Complied – Fire extinguisher provided
14.	That the hospital management shall continue to segregate the bio medical waste as per provisions of BMWR, as amended till date, and hand it over regularly to operator of common Bio Medical waste disposal facility, after due packing in colour coded bags, as prescribed in schedule IV (Rule-6) of the BMWR.	Complied
15.	That the domestic waste water shall be treated through septic tank & soak pit & zero discharge shall be maintained.	Complied
16.	The Bio Medical Waste shall be disposed at deep burial pit with in premises as per procedure laid down in rules till Common Biomedical Waste Treatment and Disposal Facility agreement shall be taken by the hospital.	Complied – Form IV enclosed
17.	That the hospital shall maintain record of collection, storage and transportation of bio-medical waste to Common Bio-Medical Waste Treatment and Disposal Facility (CBWTDF) for disposal. The quarterly abstract related to the collection, storage, transportation and disposal shall be submitted to the H.O. and Regional Office in the format given below:	Complied - Record - Enclosed
18.	This Authorization is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time being in force, rests with the hospital/ unit / project proponent.	Complied – being Followed

Compliance to CTO for, File No. F(HDF)/Barmer(Barmer)/9(1)/2016-2017/216-218,

Dt: 15/04/2019 - Order No. 2019-2020/Balotra/6828

SN	Condition	Compliance
	That this Consent to Operate is valid for a period from 05/11/2017 to 31/10/2022.	Valid
2.	That this Consent is granted for manufacturing / producing following products / by products or carrying out the following activities or operation/processes or providing following services with capacities given below. Particular: CLINIC , Type: Service , Quantity with Unit : 2.0 beds	--
3.	That this consent to operate is for existing plant, process & capacity and separate consent to establish/operate is required to be taken for any addition / modification / alteration in process or change in capacity or change in fuel.	Will be Complied
4.	That the hospital shall install adequate fire protection equipment (such as smoke detectors, fire extinguishers, sand bucket, fire alarm, Water sprinklers etc.) at salient places with in the premises of the hospital, even at bio-medical storage area, in accordance with the fire safety regulations and to submit certificate of the competent authority in this respect to this office.	Complied
5.	That the hospital management shall continue to segregate the bio medical waste as per provisions of BMWR, as amended till date, and hand it over regularly to operator of common Bio Medical waste disposal facility, after due packing in colour coded bags, as prescribed in schedule IV (Rule-6) of the BMWR.	Complied
6.	That the domestic waste water shall be treated through septic tank & soak pit & zero discharge shall be maintained.	Complied
7.	The Bio Medical Waste shall be disposed at deep burial pit with in premises as per procedure laid down in rules till Common Biomedical Waste Treatment and Disposal Facility agreement shall be taken by the hospital.	Complied – Form IV enclosed
8.	That, notwithstanding anything provided hereinabove, the State Board shall have power and reserves its right, as contained under section 27(2) of the Water Act to review anyone or all the conditions imposed here in above and to make such variation as it deemed fit for the purpose of Water Act.	---
9.	That the grant of this Consent to Operate is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ project proponent.	Complied – being Followed
10.	That the grant of this Consent to Operate shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.	Complied – Being Followed

BIO-MEDICAL Waste Record Register

		Quantity of gm	Signature	Sing. Dr.
37. <u>25</u>	08/01/2020	Approx 130 gm Dressing material	Buleg 08/01/20	Dr. Ghal
<u>26</u>	03/02/2020	Approx 200 gm Needle Syringe	Buleg 03/02/20	Dr. Ghal
<u>27</u>	23/02/20	Approx 170 gm Dressing material & Needle	Buleg 23/02/20	Dr. Ghal
<u>28</u>	17/03/2020	Approx 220 gm glass Ampule & Needle	Buleg 17/03/20	Dr. Ghal
<u>29</u>	02/04/20	Approx 150 gm Dressing material	Buleg 02/04/20	Dr. Ghal
<u>30</u>	30/04/2020	Approx 100 gm Syringe, Needle	Buleg 30/04/20	Dr. Ghal
<u>31</u>	14/05/2020	Approx 190 gm Dressing & syringe	Buleg 14/05/20	Dr. Ghal
<u>32</u>	26/05/2020	Approx 240 gm Dressing & glass Ampule	Buleg 26/05/20	Dr. Ghal

sr.	Date	Quantity of gm	sig. staff	sig. or.
<u>33.</u>	12/06/2020	Approx 160 gm dressing material. & syringue	Bulky	Male
<u>34.</u>	25/06/2020	Approx 100 gm Needle, syringue	Bulky	Male
<u>35.</u>	02/07/2020	Approx 130 gm dressing material.	Bulky	Male
<u>36.</u>	25/07/2020	Approx 100 gm Needle & syringue	Bulky	Male
<u>37.</u>	04/08/2020	Approx 120 gm dressing & material & syringue	Bulky	Male
<u>38.</u>	09/09/2020	Approx 150 gm Gowns, dressing material.	Bulky	Male
<u>39.</u>	29/09/2020	Approx 110 gm Ampule vial, Needle	Bulky	Male
<u>40.</u>	14/10/2020	Approx 140 gm dressing material.	Bulky	Male
<u>41.</u>	30/10/2020	Approx 160 gm Dressing material	Shravan	Male

S/N	Date	Quantity of gm	Sing staff	Sing Do.
42.	6-11-2020	Approx X .140 gm Dressing material	Burkey	Oral
43	24/11/2020	Approx 150 gm Dressing material & Needle	Burkey	Oral
44	10/12/2020	Approx 100 gm Dressing material	Burkey	Oral
45	22/12/2020	Approx 150 gm Dressing material	Burkey	Oral
46	31/12/2020	Approx. 135 gm Dressing material	Sing	Oral
47	10/01/21	Approx 100 gm Dressing material & syringe Needle	Burkey	Oral



Training Attendance Sheet

Faculty:	DR. Yajunandla Zala	Date:	From 01-12-2020
Training Title:	Bio-Medical Waste Handling & Disposal	Time:	From 9:00 AM to 01:30 PM

Sr. No	Empl. ID	Name	Level	Department	Signature
1	002385	Bankarom		OHC	
2	002388	Hanuman ram		OHC	
3	002392	Padmarom		OHC	Pad
4	100121	Kamdan		OHC	
5	001603	Hareesh kumar		OHC	
6	002391	Suleman Khon		OHC	
7	002386	chandra pal singh		OHC	
8	002389	Pradeep kumar		OHC	
9		mangi Dan		OHC	
10	2387	Hetu Dan		OHC	
11					
12					
13					
14					
15					
16					
17					
18					



Part of O.P.Jindal Group

Regd. Office : JSW Energy (Barmer) Ltd.
Jindal Mansion , 5-A , Dr. G.Deshmukh Marg,
Mumbai - 400026



Part of O.P.Jindal Group

Regd. Office : Raj WestPower Ltd., JSW Center, BKC Complex, Bandra (E), Mumbai - 400051

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