



Energy (Barmer) Limited

(Formerly : Raj WestPower Limited)

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

Distt : Barmer – 344001 (Rajasthan)

CIN : U31102MH1996PLC185098

Phone : +91 2982 229100

Fax : +91 2982 229222

Website : www.jsw.in

Ref: JSWE(B)/L/ENV/19-20/001

Date: 12.04.2018

To,
The Member Secretary
Rajasthan State Pollution Control Board
4, Institutional Area,
Jhalan Dungari
Jaipur - Rajasthan 302 004

Sub: Annual return for "Hazardous waste generation, handling & management under Rule 2008" of
JSW ENERGY (BARMER) LIMITED (Formerly : Raj WestPower Limited), Barmer, Rajasthan – Year
2018 – 2019

Dear Sir

We here with enclosed Annual return for "Hazardous waste generation, handling & management under Rule 2008" of JSW ENERGY (BARMER) LIMITED (Formerly : Raj WestPower Limited), Barmer, Rajasthan – Year 2018 – 2019

Please acknowledge.

Thanking you.

For JSW ENERGY (BARMER) Ltd

Dilip D. Narwani

Dy. General Manager (Environment & Chemistry)

- Encl. 1. Annual return form
2. Details of Hazardous waste Authorization Compliance
3. Photograph of Display board
4. Hazardous Waste Manifest Form No. 10

CC.

Regional Officer, Rajasthan State Pollution Control Board, Balotra



Part of O.P.Jindal Group

Regd. Office : JSW Energy (BARMER) Limited., 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

FORM 3

[See rule (1)]

Format for maintaining records of hazardous wastes at the facility

- 1 Name and address of the occupier or operator of a facility:
JSW Energy (Barmer) Limited, Bhadresh, Barmer – Rajasthan – 344001
- 2 Date of issuance of authorization and its reference number:
31/07/2018 RPCB/HWM/2018-2019/HSW/HSW/157
- 3 Description of hazardous waste:

Physical form with description	Chemical form	Total volume and weight (in kg.)
Liquid – Used Lubricating Oil	Lubricating Oil	19392 Ltr

- 4 Description of storage and treatment of Hazardous waste.

Date	Method of storage of hazardous wastes	Method of treatment of hazardous wastes
12.04.18	Stored in Steel Drum on Impervious Cemented Platform-12 Drums	Not Applicable
17.04.18	Stored in Steel Drum on Impervious Cemented Platform-08 Drums	Not Applicable
17.05.18	Stored in Steel Drum on Impervious Cemented Platform-10 Drums	Not Applicable
30.07.18	Stored in Steel Drum on Impervious Cemented Platform – 12 Drum	Not Applicable
31.07.18	Stored in Steel Drum on Impervious Cemented Platform – 08 Drum	Not Applicable
16.08.18	Stored in Steel Drum on Impervious Cemented Platform – 03 Drum	Not Applicable
27.08.18	Stored in Steel Drum on Impervious Cemented Platform – 06 Drum	Not Applicable
30.08.18	Stored in Steel Drum on Impervious Cemented Platform – 06 Drum	Not Applicable
02.09.18	Stored in Steel Drum on Impervious Cemented Platform – 08 Drum	Not Applicable
30.09.18	Stored in Steel Drum on Impervious Cemented Platform – 01 Drum	Not Applicable
10.09.18	Stored in Steel Drum on Impervious Cemented Platform – 02 Drum	Not Applicable
11.09.18	Stored in Steel Drum on Impervious Cemented Platform – 02 Drum	Not Applicable
19.09.18	Stored in Steel Drum on Impervious Cemented Platform – 01 Drum	Not Applicable
21.09.18	Stored in Steel Drum on Impervious Cemented Platform – 04 Drum	Not Applicable
01.10.18	Stored in Steel Drum on Impervious Cemented Platform – 03 Drum	Not Applicable

Date	Method of storage of hazardous wastes	Method of treatment of hazardous wastes
12.10.18	Stored in Steel Drum on Impervious Cemented Platform – 03 Drum	Not Applicable
18.10.18	Stored in Steel Drum on Impervious Cemented Platform – 02 Drum	Not Applicable
24.10.18	Stored in Steel Drum on Impervious Cemented Platform – 05 Drum	Not Applicable
15.02.19	Stored in Steel Drum on Impervious Cemented Platform – 10 Drum	Not Applicable
28.02.19	Stored in Steel Drum on Impervious Cemented Platform – 06 Drum	Not Applicable
08.03.19	Stored in Steel Drum on Impervious Cemented Platform – 08 Drum	Not Applicable
19.03.19	Stored in Steel Drum on Impervious Cemented Platform – 06 Drum	Not Applicable
24.03.19	Stored in Steel Drum on Impervious Cemented Platform – 12 Drum	Not Applicable

5 Details of transportation of hazardous waste:


Name & address of the consignee of the package	Mode of packing/ of the waste for transportation	Mode of transportation to site of disposal	Date of transportation
M/s SAHARA PETROLIUM , Plot no. 19D, Maha Gujarat Industrial Estate, Moraiya Taluk- Sanad, Dist: Ahmedabad	Steel Drum (6060 Ltr.)	Road Transport – By Truck	10 th May 2018
M/s. Bharat Industrial Oil Co. S-758(I), Road No. 9F-1, Vishwakarma Industrial Area, Jaipur - 13	Steel Drum (13332 Ltr.)	Road Transport – By Truck	29 th October 2018

6 Details of disposal of hazardous wastes: **NOT APPLICABLE**

Date of disposal	Concentration of hazardous material in the final waste form	Site of disposal (identify the location on the relevant layout drawing for reference)	Method of disposal	Persons involved in disposal

7 Date of environmental surveillance: **NOT APPLICABLE**

Date of measurement	Analysis of ground water			Analysis of soil samples			Analysis of air samples	Analysis of any other samples (give details)
	Location of sampling	Depth of sampling	Data	Location of sampling	Depth of sampling	Data	Location data of sampling	


Veeresh Devramani
 Head of Project
 JSW Energy (Barmer) Limited
 Bhadresh – Barmer 344 001

FOR JSW ENERGY (BARMER) LIMITED

Authorised Signatory

FORM 4

[See rule (1)]

Format for the submission of returns, regarding disposal of hazardous waste.

(To be submitted to the State Pollution Control Board)

1. Name and address of the occupier or operator of a facility: **JSW Energy (Barmer) Limited, Dist. – Barmer-344 001**

2. Details of waste disposal operations: **2018-19**

Sr. No.	Date of issuance of authorization for the disposal of hazardous waste and its reference numbers	Description of Hazardous Waste	Total Volume of the hazardous waste disposed with No. of packages	Mode of transportation to the site of disposal	Site of disposal (attach a sketch showing the location (s) of disposal)	Brief description of the method of disposal	Date of disposal	Remarks (if any)
		Physical form & contents	Chemical form					
1.	31/07/2018 RPCB/HWM/2018-2019/HSW/HSW/157	Liquid	Used Lubricating Oil	NIL (Not stored)	NA	NA	The Hazardous waste will be disposed by selling to RSPCB authorized waste oil recyclers.	NA

2. Date of environmental surveillance:

Date of measurement	Analysis of ground water		Analysis of soil samples		Analysis of air samples		Analysis of any other	
	Location of Sampling	Depth of sampling	Data	Location of Sampling	Depth of sampling	Data	Location data of sampling	Samples (give details)
Not Applicable								


Mr. Veeresh Devramani
Head of Project

For JSW ENERGY (BARMER) LIMITED
JSW Energy (Barmer) Limited
Bhadresh – Barmer 344 011
Authorized Signatory

HAZARDOUS WASTE AUTHORISATION CONDITION COMPLIANCE

S.N.	Description	Compliance Status
1	Number of authorization & Date	RPCB/HWM/2018-2019/HSW/HSW/157 Dated 31/07/2018
2	Dy. General Manager of M/s JSW Energy (BARMER) Limited (Formerly - Raj WestPower Limited is hereby granted an authorization under Rule 5(4) of Hazardous Waste (Management, Handling and Transboundary movement) Rules 2008 made under the Environment (Protection) Act 1986 to operate a facility for disposal, storage of hazardous waste on premises situated at Village Bhadresh, District-Barmer	
3	<p>The authorization is granted for the disposal , storage of hazardous waste of following categories in the premises of the industry only-</p> <p>Used/Spent Oil [Sch.(1.0) Code: 5.1 Qty per Unit: 20.00 KLA] Disposal Practice: Sales to Registered Recycler</p>	RSPCB Registered recyclers will be used for sale of Used Oil
4	The authorization shall be in force for a period from 01/09/2015 to 31/08/2020	Valid
5	That this authorization shall ceased to be valid & shall be liable to be revoked without any further notice in case of refusal/expiry of Consent To Operate under the provision of water(Prevention & Control of Pollution) Act,1974 and Air(Prevention & Control of Pollution) Act,1981 by the state board.	NA
6	That no recycling or processing of the hazardous waste covered under schedule IV shall be carried without prior & Valid registration with CPCB/Competent Authority as recycler/re-refiner of hazardous waste under the rule 8 of the HW (M,H&TM) Rules, 2008.	Being Complied
7	That this authorization shall be valid subject to valid consent to operate under the provisions of Water(Prevention & Control of Pollution) Act,1974 and Air(Prevention & Control of Pollution) Act,1981 by the state board.	--
8	That in case of any expansion or change in process or product or change in mode/practice of disposal of hazardous waste or its quantity, industry shall obtain fresh authorization.	Will be complied
9	The authorization is subject to the conditions stated at Annexure "A" enclosed with the authorization letter and the such condition as may be specified in the rules for the time being forced under the Environment Act,1986	Will be complied

For JSW ENERGY (BARMER) LIMITED


 Authorised Signatory

10	The unit has to display and maintain the data online outside the factory main gate in Hindi & English both on 6'*4' display board in the manner & format prescribed at Annexure "B" and the report of the Compliance along with photograph shall be submitted to this office & Regional office, time to time.	Being Complied
11	That the annual reports/returns in the form prescribed under the rules shall be submitted to the Board by 30th June of every year and records of hazardous waste generation, handling & management shall be maintained according to the provisions of the Hazardous Waste (Management, Handling and Trans boundary Movement) Rules, 2008 and shown & submitted to the Board as and when asked for.	Attached as annexure
12	The hazardous waste should not be stored for a period beyond 90 days, failing which the authorization shall deemed to be revoked.	Will be complied
13	It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous waste (Management, Handling and Trans boundary Movement) Rules, 2008. Noncompliance of the Rules or any of the conditions contained in the authorization shall be tantamount to automatic cancellation/revocation of the authorization.	--
14	The operator of the facility shall liable to comply any other conditions as per the guidelines issued by the MoEF or CPCB or State Board related to collection, disposal, reception, storage & treatment of Hazardous waste.	Will be complied
15	That authorization is issued under the provisions of Hazardous Waste (management, Handling and Trans boundary Movement) Rules, 2008 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 conditions laid down in all other for the time-being in force, rests with the industry/unit/project proponent.	Being Complied
16	That this Authorization shall not, in any way, adversely or 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.	--

For JSW ENERGY (BARMER) LIMITED

Authorised Signatory Page 2 of 2



RAJ WESTPOWER LTD.

Name of the industry : **RAJ WESTPOWER LTD.
BHADRESH, BARMER -
344001**

CONSENT TO OPERATE :	1&2	01-12-2018
	3&4	01-12-2018
	5&6	01-12-2018
	7&8	01-12-2018

DISCHARGE OF EFFLUENTS UNDER WATER ACT		DATE OF VALIDITY	
S. No.	DESCRIPTION	MAX DAILY DISCHARGE (KLD)	PHESENT ACHIEVED LEVEL
1	DOMESTIC EFFLUENT	300	
2	TRADE EFFLUENT	19,600	
DISCHARGE OF AIR EMISSIONS UNDER AIR ACT		EMISSION STANDARDS	
CHIMNEY No.	DESCRIPTION OF CHIMNEY	TOLERANCE LIMITS mg/NM ³	
1	BOILER -1/2	100/100/100	100/100/100
2	BOILER -3/4	100/100/100	100/100/100
3	BOILER -5/6	100/100/100	100/100/100
4	BOILER -7/8	100/100/100	100/100/100
5	6x1250 KVA D.G. SET	100/100/100	100/100/100
TERMS AND CONDITIONS		QUANTITY (KLD)	
S. No.	TOTAL WATER QUALITY		
1	INDUSTRIAL PURPOSE	43200	43200
2	DOMESTIC PURPOSE	300	300
1	COAL SPECIFICATION	LIMIT	20%
1	COAL ASH CONTENT	LESS THAN 20%	20%
2	SULPHUR	LESS THAN 2%	2%

AUTHORIZATION FOR HANDLING HAZARDOUS WASTE

AUTHORISATION DETAILS		NUMBER	F (HSW/BARMER/BARMER) 2011-2012/403-406
WASTE CATEGORY	HAZARDOUS WASTE GENERATED	DATE OF ISSUE	17.09.2018
		DATE OF VALIDITY	31.08.2019
		QUANTITY (KL/A)	Generation Disposal
5.1	USED OIL	20	30 100%
5.2	TRANSFORMER OIL		10 100%



RAJ WESTPOWER LTD.

इंडस्ट्री का नाम

राज वेस्टपावर लिमिटेड
भादरेश, बाडमेर - 344001इकाइयों के क्रियान्वयन की
रवीकृति

1 और 2	01-12-2018
3 और 4	01-12-2018
5 और 6	01-12-2018
7 और 8	01-12-2018

पर्यावरण प्रणाली के रख-रखाव का विवरण

जल संबंधित अभिविनय अनर्गल अपरिष्कृत निरंतरण			
क्र.सं.	विवरण	निर्धारित मानक (के एल टी)	प्राप्त का स्तर (के एल टी)
1	घर का अपरिष्कृत	300	
2	क्रियात्मक कार्यालयी अपरिष्कृत	19,600	
वायु संबंधित अभिविनय अनर्गल अपरिष्कृत निरंतरण			
चिमनी नं.	विवरण	निर्धारित मानक (mg/NM ³) SPM/CO/NOx	प्राप्त का स्तर (mg/NM ³) SPM/CO/NOx
1	बोयलर 1/2	100/100/100	100/100/100
2	बोयलर 3/4	100/100/100	100/100/100
3	बोयलर 5/6	100/100/100	100/100/100
4	बोयलर 7/8	100/100/100	100/100/100
5	6x1250 किलो वॉल्टी सेट	100/100/100	100/100/100
विशिष्ट निर्वहन और स्तर			
क्र.सं.	जल का निर्वहन उपयोग	निर्धारित मानक (के एल टी)	प्राप्त का स्तर (के एल टी)
1	क्रियात्मक कार्यालयी स्तर	43200	43200
2	घर का उपयोग स्तर	300	300
1	उपयोग में विद्यमान कोयले का गुणवत्ता	सीमा	20%
1	कोयले में सल्फर की मात्रा	सीमा	20%
2	कोयले में सल्फर की मात्रा	सीमा	20%

हानिकारक पदार्थ के भंडारण संबंधित विवरण

अधिकृत विवरण		नम्बर	एक(एच एस डब्ल्यू) बाडमेर / 2011-2012 / 403-406
अधिकृत का वर्ग	अधिकृत का प्रकार	भंडारण अधिकृत पर जारी करने की तिथि वैधता की तिथि	17.09.2018 31.08.2019
5.1	प्रदूषक अनुपयोगी द्रव्य/अपयोगी तेल	भंडारण क्षमता (के एल / ली)	उत्पादन निरंतरण
5.2	प्रदूषक अनुपयोगी द्रव्य/अपयोगी तेल	20	30 100%

Form 13
Hazardous waste manifest

1	Occupier's Name & Mailing Address (including phone No.) :	Rajwest Power Limited Village Bhadresh, Dist Barmar, Rajasthan		
2	Occupier's Registration No. :	GPCB/CA-ABD-GEN-1399/ID-13273/40833		
3	Manifest Document No. :	01/2018-13		
4	Transporter's Name & Address (including phone No. :			
5	Type of Vehicle :	(Truck/ Tanker/ Special Vehicle)		
6	Transporter's Registration No. :	GPCB/CA-ABD-GEN-1399/ID-13273/40833		
7	Vehicle Registration No. :	GJ18X9759		
8	Designated Facility Name & Site Address :	M/s Sahara Petroleum Village monya, Sonowad (Guj)-382210		
9	Facility's Registration No. :			
10	Facility's phone No. :			
11	Waste Description :	USED OIL		
12	Total Quantity :m3 or MT		
13	Consistency :			
14	Transport Description of Wastes :	USED Lubricant oil		
15	Containers :	Number	Type	
		30	Drum	
16	Total Quantity :	...60.60.00m3 or MT		
17	Unit Wt / Vol. :	...61.7.30.00 MT		
18	Waste Category Number :			
19	Special Handling Instructions & Additional Information :	Used lubricant oil not spill out during transportation. It has to dispose at treatment facility plant.		
20	OCCUPIER'S CERTIFICATE :	<p>I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorized, packed, marked, and labeled, and are in all respects in proper condition for transport by road according to applicable national government regulations.</p>		
	Typed Name & Signature :	Month	Day	Year
		05	10	2018
21	Transporter Acknowledgement of receipt of wastes :			
	Typed Name & Stamp: Signature :	Month	Day	Year
		05	10	2018
22	Discrepancy Note Space			
23	Facility Owner or Operator's Certification of Receipt of Hazardous waste			
	Typed Name & Stamp Signature :	Month	Day	Year
		05	10	2018

For JSW ENERGY (BARMAR) LIMITED

 Authorised Signatory

SAHARA PETROLIUM
 Partner

FORM 10
[See rule 19 (1)]

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's name and mailing address (including Phone No. and e-mail)	Raj West Power Ltd. Village & P.O. Bhagnesh, Dist-Barnmer		
2.	Sender's authorisation No.			
3.	Manifest Document No.	01/2018-19		
4.	Transporter's name and address: (including Phone No. and e-mail)			
5.	Type of vehicle	(Truck/Tanker/Special Vehicle)		
6.	Transporter's registration No.			
7.	Vehicle registration No.	RJ04G 3453		
8.	Receiver's name and mailing address (including Phone No. and e-mail)	M/s Bharat Oil Industries Bansi, Ind. Nagar, Jaipur.		
9.	Receiver's authorisation No.			
10.	Waste description	USED OIL		
11.	Total quantity No. of Containers 2332 m ³ or MT 66 Nos.		
12.	Physical form	(Solid/Semi-Solid/Sludge/Oily/Tarry/Slurry/Liquid)		
13.	Special handling instructions and additional information	Used Oil not to be spilled out during transportation		
14.	Sender's Certificate	<p>I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked, and labelled, and are in all respects in proper conditions for transport by road according to applicable national government regulations.</p>		
	Name and stamp:	Signature:	Month	Day Year
				10 29 2018
15.	Transporter acknowledgement of receipt of Wastes			
	Name and stamp:	Signature:	Month	Day Year
				10 29 2018
16.	Receiver's certification for receipt of hazardous and other waste			
	Name and stamp:	Signature:	Month	Day Year
				10 29 2018



For BHARAT OIL INDUSTRIES
Authorised Signatory

For JSW ENERGY (BARNMER) LIMITED

Authorised Signatory