

JPL/EMD/BMW/2021/53

06/02/2021

The Member Secretary,
Chhattisgarh Environment Conservation Board,
Paryavas Bhavan, North Block Sec.19,
Naya Raipur (C.G.)-490109

Sub.:-Submission of annual report under Bio-Medical Waste Management Rules, 2016 for the Period of January-2020 to December-2020.

Ref.: Bio-Medical waste authorization Number 451/HO/BMW/CECB/ATAL NAGAR, RAIPUR issued vide letter no 6520 / BMW /HO /CECB /2020 Raipur, dated 20/10/2020.

Dear Sir,

This has reference to the above cited subject. Enclosed please find herewith the annual report including category wise quantity of bio-medical wastes handled for the period of January 2020 to December 2020 in prescribed **Form-IV** for M/s O.P. Jindal Hospital & research Center (27 beds), Savitry Nagar Colony, Tamnar, Raigarh (C.G.).

Thanking You.

Yours faithfully,
For Jindal Power Limited,



GM- Environment Management Department

CC:

The Regional Officer, CECB,
T.V. Tower Road, Raigarh, C.G.

for information please

Encl: As above

Jindal Power Ltd

Registered Office Tamnar 496 107, District Raigarh, Chhattisgarh

T +91 7767 281701-08 / 302000 / 302004 F +91 7767 281995-281993 W www.jindalpower.com

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)]

For the period from January 2020 to December 2020

Sl. No.	Particulars		
1.	Particulars of the Occupier		
	(i) Name of the authorised person (occupier or operator of facility)	:	Mr. N.K Kothari President & COO
	(ii) Name of HCF or CBMWTF	:	M/s O.P. Jindal Hospital & research Center (27 Beds)
	(iii) Address for Correspondence	:	M/s O.P. Jindal Hospital & research Center (27 Beds), Savitry Nagar Colony, Tamnar, Raigarh (C.G.)
	(iv) Address of Facility	:	M/s O.P. Jindal Hospital & research Center(27 beds), Savitry Nagar Colony, Tamnar, Raigarh (C.G.)
	(v) Tel. No, Fax. No	:	07767-302000
	(vi) E-mail ID	:	jpl.emd@jindalpower.com
	(vii) URL of Website	:	http://www.jindalsteelpower.com
	(viii) GPS coordinates of HCF or CBMWTF	:	NL 22°6'50" EL 83°26'25"
	(ix) Ownership of HCF or CBMWTF	:	M/s Jindal Power Limited
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorization issued vide letter No.: 6520/BMW/HO/CECB2020, Raipur. Valid up to :03.05.2023
	xi). Status of Consents under Water Act and Air Act	:	Consent under Water (Prevention and Control of Pollution) Act, 1974 & Air (Prevention and Control of Pollution) Act, 1981 for M/s O.P. Jindal Hospital & research Center (27 Beds) issued vide letter No. 4639/TS/CECB/2020 Nava Raipur Atal Nagar, Raipur Dated 26/08/2020 is Valid till 25.8.2021
2.	Type of Health Care Facility		
	(i) Bedded Hospital	:	No. of Beds:- 27
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	Not Applicable
	(iii) License number and its date of expiry	:	RAIG0311/HOS from 27.12.2018 to 26.12.2023
3	Details of CBMWTF		
	(i) Number healthcare facilities covered by CBMWTF	:	Not Applicable
	(ii) No of beds covered by CBMWTF	:	Not Applicable
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	Not Applicable
	iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	Not Applicable
4	Quantity of waste generated or disposed	:	Yellow Category : 171.822 KG

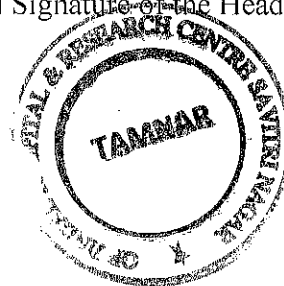
	in Kg per annum (on monthly average basis)		Red Category : 344.857 KG																																																				
			White: 18.091 KG																																																				
			Blue Category : 194.511 KG																																																				
			General Solid waste: 1068.317 KG																																																				
5	Details of the Storage, treatment, transportation, processing and Disposal Facility																																																						
	(i) Details of the on-site storage facility	:	Room Size : 23X20 Square feet																																																				
			Capacity :																																																				
			Provision of on-site storage : (cold storage or any other provision):- Nil																																																				
	(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>0</td> <td></td> <td></td> </tr> <tr> <td>Plasma Pyrolysis</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>Autoclaves</td> <td>2</td> <td>Capacity 15 & 50 KGS</td> <td></td> </tr> <tr> <td>Microwave</td> <td>1</td> <td>Capacity 10 KGS</td> <td></td> </tr> <tr> <td>Hydroclave</td> <td>1</td> <td>Capacity 50 KGS</td> <td></td> </tr> <tr> <td>Shredder</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>Needle tip cutter or Destroyer</td> <td>20</td> <td>1 ltrCapacity</td> <td></td> </tr> <tr> <td>Sharps encapsulation or concrete pit</td> <td>01(One)</td> <td></td> <td></td> </tr> <tr> <td>Deep burial pits:</td> <td>01 (One)</td> <td></td> <td></td> </tr> <tr> <td>Chemical</td> <td>02</td> <td></td> <td></td> </tr> <tr> <td>Disinfection:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Any other treatment equipment:</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Type of treatment Equipment	No of Units	Capacity Kg/ day	Quantity Treated or disposed in Kg per annum	Incinerators	0			Plasma Pyrolysis	0			Autoclaves	2	Capacity 15 & 50 KGS		Microwave	1	Capacity 10 KGS		Hydroclave	1	Capacity 50 KGS		Shredder	0			Needle tip cutter or Destroyer	20	1 ltrCapacity		Sharps encapsulation or concrete pit	01(One)			Deep burial pits:	01 (One)			Chemical	02			Disinfection:				Any other treatment equipment:			
Type of treatment Equipment	No of Units	Capacity Kg/ day	Quantity Treated or disposed in Kg per annum																																																				
Incinerators	0																																																						
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Shredder	0																																																						
Needle tip cutter or Destroyer	20	1 ltrCapacity																																																					
Sharps encapsulation or concrete pit	01(One)																																																						
Deep burial pits:	01 (One)																																																						
Chemical	02																																																						
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.) 580 Kg																																																				
	(iv) No of vehicles used for collection and transportation of biomedical waste	:	Not Applicable																																																				
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	Not Applicable																																																				
	vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	Not Applicable																																																				
	(vii) List of member HCF not handed over bio-medical waste.	:	Not Applicable																																																				
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	:	Yes																																																				

7	Details trainings conducted on BMW	:	
	(i) Number of trainings conducted on BMW Management.	:	16
	(ii) Number of personnel trained	:	34
	(iii) Number of personnel trained at the time of induction	:	27
	(iv) Number of personnel not undergone any training so far	:	Nil
	(v) Whether standard manual for Training is available?	:	SOP Available
	(vi) Any other information)	:	Not Applicable
8	Details of the accident occurred during the year	:	
	(i) Number of Accidents occurred	:	Not Applicable
	(ii) Number of the persons affected	:	Not Applicable
	(iii) Remedial Action taken (Please attach details if any)	:	Not Applicable
	(iv) Any Fatality occurred details.	:	Not Applicable
9	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	:	Not Applicable
	Details of Continuous online emission monitoring systems installed	:	Not Applicable
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	The liquid waste generated from lab are disinfected/ treated with hypochlorite solution with a minimum contact period of 30 minutes and then the liquid wastes send to STP with other liquid waste for final treatment and quality of treated waste water conforming to prescribed standards throughout the 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?	:	Yes, We are maintaining standards throughout the year.
12	Any other relevant information	:	Brief description of method of treatment and disposal of Bio-Medical Waste is attached as Annexure-1

Certified that the above report is for the period from 01.01.2020 to 31.12.2020

Prof. R. R. R. R.
Name and Signature of the Head of the Institution

Date: 8/3/21
Place: Tamnar



JPL/EMD/BMW/2021/54

06/02/2021

The Member Secretary,
Chhattisgarh Environment Conservation Board,
Paryavas Bhavan, North Block Sec.19,
Naya Raipur (C.G.)-490109

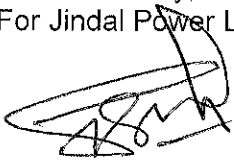
Sub.: Submission of annual report under Bio-Medical Waste Management Rules, 2016 for the Period of January-2020 to December 2020.

Ref.: Authorization no. 2682/HO/BMW/CECB/ATAL NAGAR, RAIPUR issued by CECB, Raipur vide letter no. 6549/BMW/H.O./CECB/2020, Raipur dated 22.10.2020.

Dear Sir,

This has reference to the above cited subject. Enclosed please find herewith the annual report including category wise quantity of bio-medical wastes handled for the period of January 2020 to December 2020 in prescribed **Form-IV** for Health Center, Jindal Power Limited, Tamnar, District: Raigarh (C.G.).
Thanking You.

Yours faithfully,
For Jindal Power Limited,



GM- Environment Management Department

CC:

The Regional Officer, CECB, for information please
T.V. Tower Road, Raigarh, C.G.

Encl: As above

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)]

For the period from January 2020 to December 2020

Sl. No.	Particulars		
1.	Particulars of the Occupier		
	(i) Name of the authorised person (occupier or operator of facility)	:	Mr. N.K Kothari President & COO
	(ii) Name of HCF or CBMWTF	:	Health Centre M/s Jindal Power Limited
	(iii) Address for Correspondence	:	M/s O. P. Jindal Super Thermal Power Plant, Jindal Power Limited. Village & PO.- Tamnar, District-Raigarh (C.G.)
	(iv) Address of Facility	:	Health Centre M/s Jindal Power Limited, Village & PO.- Tamnar, District-Raigarh (C.G.)
	(v) Tel. No, Fax. No	:	07767-302000
	(vi) E-mail ID	:	jpl.emd@jindalpower.com
	(vii) URL of Website	:	http://www.jindalsteelpower.com/
	(viii) GPS coordinates of HCF or CBMWTF	:	NL 22°6'39" EL 83°27'17"
	(ix) Ownership of HCF or CBMWTF	:	M/s Jindal Power Limited
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	One Time Authorization issued vide letter No.: 6549/BMW/HO/CECB/2020, Raipur dt 22.10.2020 Authorization Number 2682/HO/BMW/CECB/Atal Nagar, Raipur.
	xi). Status of Consents under Water Act and Air Act	:	CECB Consents to Operate under Water (Prevention and Control of Pollution) Act, 1974 & Air (Prevention and Control of Pollution) Act, 1981 for 4 x 250 MW TPP is valid till 30th November, 2021
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)	:	Health Center
	(iii) License number and its date of expiry	:	RAIG0362/CL Expiry date :-27.02.2025
3	Details of CBMWTF		
	(i) Number healthcare facilities covered by CBMWTF	:	Not Applicable
	(ii) No of beds covered by CBMWTF	:	Not Applicable
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	Not Applicable
	iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	Not Applicable

4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category :29.140 KG			
			Red Category : 13.202 KG			
			White:03.615 KG			
			Blue Category : 14.020 KG			
			General Solid waste: 31.155			
5	Details of the Storage, treatment, transportation, processing and Disposal Facility					
	(i) Details of the on-site storage facility	:	Size :Nil			
			Capacity :			
			Provision of on-site storage : (cold storage or any other provision)- Nil			
	(ii) Disposal facilities		Type of treatment Equipment	No of Units	Capacity Kg/ day	Quantity Treated or disposed in Kg per annum
			Incinerators	0		
			Plasma Pyrolysis	0		
			Autoclaves	01	10	Approx. 16
			Microwave	01	02	Approx. 15
			Hydroclave	0		
			Shredder	0		
			Needle tip cutter or Destroyer	03	03	Approx. 6
			Sharps encapsulation or concrete pit	01(SIZE -2X2X2 MTR)		
			Deep burial pits:	01 (SIZE -2X2X3 MTR)		
			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.)			
			NIL			
	(iv) No of vehicles used for collection and transportation of biomedical waste	:	Not Applicable			
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	Not Applicable			
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	Not Applicable			
	(vii) List of member HCF not handed over bio-medical waste.	:	Not Applicable			
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	:	Yes			

7	Details trainings conducted on BMW	:	
	(i) Number of trainings conducted on BMW Management.	:	06
	(ii) Number of personnel trained	:	08
	(iii) Number of personnel trained at the time of induction	:	03
	(iv) Number of personnel not undergone any training so far	:	Nil
	(v) Whether standard manual for Training is available?	:	SOP Available
	(vi) Any other information)	:	Not Applicable
8	Details of the accident occurred during the year	:	
	(i) Number of Accidents occurred	:	Not Applicable
	(ii) Number of the persons affected	:	Not Applicable
	(iii) Remedial Action taken (Please attach details if any)	:	Not Applicable
	(iv) Any Fatality occurred details.	:	Not Applicable
9	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	:	Not Applicable
	Details of Continuous online emission monitoring systems installed	:	Not Applicable
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	The liquid waste generated from lab are disinfected/ treated with hypochlorite solution with a minimum contact period of 30 minutes and then the liquid wastes send to STP with other liquid waste for final treatment and quality of treated waste water conforming to prescribed standards throughout the 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?	:	Yes, We are maintaining standards throughout the year.
12	Any other relevant information	:	Brief description of method of treatment and disposal of Bio-Medical Waste is attached as Annexure-1

Certified that the above report is for the period from 01.01.2020 to 31.12.2020

Letam Ramesh Babu
Name and Signature of the Head of the Institution

Date: 8/3/21
Place: Tamnar

