

Ref: JKCEMENT/ENV./Biomedical/2024-25/24/06

Date: 10.06.2024

To,
Member Secretary
MP Pollution Control Board,
Paryawaran Parisar, E-5, Arera Colony
Bhopal (MP)

Subject: Annual report (Form-IV & Form-I) of Bio medical waste generation, treatment and disposal for the year 2023 (from January, 2023 to December, 2023) as per Bio-Medical Waste Management Rules, 2016.

Ref Letter No: Authorization no. B-118111 dated 28.12.2023

Dear Sir,

With reference to above subject and reference no. B-118111 dated 28.12.2023, please find herewith enclosed Bio medical waste generation, treatment and disposal report in duly filled format (Form-IV & Form-I) for the year 2023 (from January, 2023 to December, 2023).

This is for your kind information and record, please.

Thanking you,

Yours faithfully
For JK Cement Limited,


Kapil Agrawal
(Unit Head)

Encl: As above

CC: To, Regional officer, RO Office- Madhya Pradesh Pollution Control Board, Sagar (M.P.)



Corporate Office
Padam Tower, 19 DDA Community Centre
Okhla, Phase - 1, New Delhi - 110020, India
+011-49220000
admin.padamtower@jkcement.com
www.jkcement.com

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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(CBMWTF).

S. N.	Particulars																			
1.	Particulars of the Occupier																			
(i)	Name of the authorised person (occupier or operator of facility)	: Mr. Kapil Agarwal (Unit Head), M/s J K Cement Limited. Village- Harduaken, Sotipura, Maddayan, Puraina, Tehsil: Amanganj, District: Panna, (M.P.) Mob. 9686502172 and email- kapil.agarwal@jkcement.com																		
(ii)	Name of HCF	: M/s J K Cement Works (A Unit of JK Cement Limited)																		
(iii)	Address for Correspondence	: M/s J K Cement Works (A Unit of JK Cement Limited) Village- Harduaken, Tehsil: Amanganj, District: Panna, (M.P.)																		
(iv)	Address of Facility	: M/s J K Cement Works (A Unit of JK Cement Limited) Village- Harduaken, Tehsil: Amanganj, District: Panna, (M.P.)																		
(v)	Tel. No, Fax. No	: Mobile: 9686502172																		
(vi)	E-mail ID	: kapil.agarwal@jkcement.com																		
(vii)	URL of Website	: http://www.jkcement.com																		
(viii)	GPS coordinates of HCF	: Latitude: 24.3265, Longitude: 79.9750																		
(ix)	Ownership of HCF	: Private; M/s J K Cement Works (A Unit of JK Cement Limited).																		
(x)	Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	: BMW Auth No: B-118111, Valid Up to: 31/03/2033																		
(xi)	Status of consents under Water Act & Air Act	: Not Applicable																		
2.	Type of Health Care Facility																			
(i)	Bedded Hospital	: No. of Beds: No Bed																		
(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	: Dr. Pradeep Kumar Sharma Registration No. CL/7208/AUG-2022 Valid up to 31.03.2025.																		
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: (Kg per day)	: The Bio Medical Waste is being sent to Common Bio-Medical Waste Treatment Facility (CBMWTF) M/s. Indo Water Management & Pollution Control Corporation. Satna, MP for further treatment & disposal as per rule.																		
(iv)	Quantity of biomedical waste treated or disposed by CBMWTF (Kg/day)	: Not Applicable																		
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	: Quantity of Bio Medical waste generated & disposed during Year 2023 is as under: BMW Generation by started from Nov-23.																		
		<table border="1"> <thead> <tr> <th>Category of Bio Medical Waste</th> <th>Total Quantity (Kg/Annum)</th> <th>Monthly Average (Kg/Month)</th> </tr> </thead> <tbody> <tr> <td>Yellow</td> <td>2.201</td> <td>1.1005</td> </tr> <tr> <td>Red</td> <td>4.408</td> <td>2.204</td> </tr> <tr> <td>Blue</td> <td>0.537</td> <td>0.269</td> </tr> <tr> <td>White</td> <td>4.205</td> <td>2.1025</td> </tr> <tr> <td>TOTAL</td> <td>11.351</td> <td>5.6755</td> </tr> </tbody> </table>	Category of Bio Medical Waste	Total Quantity (Kg/Annum)	Monthly Average (Kg/Month)	Yellow	2.201	1.1005	Red	4.408	2.204	Blue	0.537	0.269	White	4.205	2.1025	TOTAL	11.351	5.6755
Category of Bio Medical Waste	Total Quantity (Kg/Annum)	Monthly Average (Kg/Month)																		
Yellow	2.201	1.1005																		
Red	4.408	2.204																		
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White	4.205	2.1025																		
TOTAL	11.351	5.6755																		
		The quantity of waste generated/disposed on a monthly basis enclosed as ANNEXURE-1.																		
5	Details of the Storage, treatment, transportation, processing and Disposal Facility: Not Applicable																			
(i)	Details of the on-site storage facility*	: Size : Not applicable																		
		: Capacity : Not applicable																		
		: Provision of on-site storage: Not applicable																		

			(cold storage or any other provision)			
	<p>*Note: Only the collection/storage of generated biomedical waste is being done in coloured bins as specified in BMW Rules - 2016 at medical centre. The segregated bio medical waste in specified bins is being handed over to authorise CBMWTF (M/s. Indo Water Management & Pollution Control Corporation. Satna, MP) for onward treatment/processing/disposal within 48 hours. The transportation of bio medical waste is also under the scope of CBMWTF. The disposal facility's vehicle collects the bio- medical waste from our Medical Centre as per specified/applicable rules.</p>					
(ii)	Disposal facilities	:	Type of treatment equipment	No of units	Capacity Kg/day	Quantity treated or Disposed in kg Per annum
		:	Incinerators	Not applicable		
		:	Plasma Pyrolysis			
		:	Autoclaves			
		:	Microwave			
		:	Hydroclave			
		:	Shredder			
		:	Needle tip cutter or destroyer			
		:	Sharps			
		:	encapsulation or concrete pit			
		:	Deep burial pits:			
		:	Chemical			
		:	disinfection:			
		:	Any other treatment equipment:			
(iii)	Quantity of recyclable wastes sold to authorize recyclers after treatment in kg per annum.	:	Not Applicable			
(iv)	No. of vehicles used for collection and transportation of biomedical waste	:	Not applicable, The transportation of bio medical waste is under the scope of CBMWTF (M/s Indo Water Management & Pollution Control Corporation Satna M.P). The disposal facility's vehicle collected the bio medical waste from our health centre as per specified/applicable rules and photograph is enclosed as ANNEXURE-2 .			
(v)	Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:		Quantity generated	Where disposed	
			Incineration Ash	Not applicable		
			ETP Sludge			
(vi)	Name of the Common Bio- Medical Waste Treatment Facility Operator through which wastes are disposed of	:	M/s Indo Water Management & Pollution Control Corporation Satna M.P CBMWTF Certificates of Registration for F.Y. 2023-24 are enclosed herewith as ANNEXURE-2A			
(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	:	Our Health centre is having the authorization of zero bed. The bio medical waste management related activities are reviewed & monitored by Chief Medical Officer (CMO) of the Medical Centre required as per Bio- medical Waste Rules-2016.			
7	Details trainings conducted on BMW					
(i)	Number of trainings conducted on BMW Management.	:	01 Nos Training conducted in (In House) Training copy is enclosed as ANNEXURE-3			
(ii)	Number of personnel trained	:	09 No's personal trained			
(iii)	Number of personnel trained at the time of induction	:	05 Nos personal trained at time of Induction.			
(iv)	Number of personnel not undergone any training so far	:	Nil			
(v)	Whether standard manual for training is available?	:	Yes			
(vi)	any other information	:	----			

8	Details of the accident occurred during the year : Nil accident report in Form-1 enclosed as ANNEXURE-4	
(i)	Number of Accidents occurred	: Nil
(ii)	Number of the persons affected	: Nil
(iii)	Remedial Action taken (Please attach details if any)	: Not applicable
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?	: Not applicable, BMW is being handed over to authorise CBMWTF (M/s Indo Water Management & pollution Control Corporation, Satna M.P) for onward treatment/processing/disposal.
	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?	: Domestic liquid waste /clinical liquid waste generated from medical centre is being neutralized and then treated at our Sewage treatment plant (STP). We are being meet the prescribed standards for treated waste water. Sample Copy of treated waste water analysis report enclosed as ANNEXURE-5
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, Standards are always met throughout the year.
12	Any other relevant information	: -----

Certified that the above report is for the period from **January 2023- to December-2023.**

Date: 10/06/2024
Place: Harduwaken

A Kumar

Name and signature of the Head of Institution
Kapil Agrawal
(Unit Head)


Kapil Agrawal

Pradeep Ku. Sharma
Dr. Pradeep Ku. Sharma
M.B.B.S. (AFIH)
MEDICAL OFFICER
Reg.No. 10156

Annexure-1


Bio Medical waste Generation During the Year 2023 (From January-2023 to Decemeber-2023) From M/s J K Cement Works (A Unit of JK Cement Limited) Village- Harduaken, Tehsil: Amanganj, District: Panna, (M.P.)

S. No.	Month	Quantity Biomedical waste generated/disposed (Kg/Month)
1	January-2023	NIL
2	February-2023	NIL
3	March-2023	NIL
4	April-2023	NIL
5	May-2023	NIL
6	June-2023	NIL
7	July-2023	NIL
8	August-2023	NIL
9	September-2023	NIL
10	October-2023	NIL
11	November-2023	1.705
12	December-2023	9.646
Total		11.351



Dr. Pradeep Ku. Sharma
M.B.B.S. (AFIH)
MEDICAL OFFICER
Reg. No. 10156



Bio Medical Waste collection Vehicle


Dr. Pradeep Ku. Sharma
M.B.B.S. (AFHM)
MEDICAL OFFICER
Reg.No. 10156

 <p style="text-align: center;">(स्वच्छ पर्यावरण—स्वस्थ जीवन)</p> <h2 style="text-align: center;">INDO WATER MANAGEMENT & POLLUTION CONTROL CORPORATION</h2> <p style="text-align: center;">(AN ISO 9001 : 2015 & ISO 14001 : 2015)</p> <p style="text-align: center;">M.P. Pollution Control Board Authorised Common Bio-Medical Waste Treatment Facility-Satna</p> <p style="text-align: center;">H.O. Add.: C-32, Parijat Complex, Bittan Market, E-5, Azara Colony, Bhopal-16, Ph. 0755-2425905, Plant Add.: Village Barkheda, Tehsil - Unchera, Amarpatan Road, Dist. Satna, webside - www : indoctwtf.com</p>		 <p style="text-align: center;">BIOHAZARD</p>
<h3 style="background-color: #FFD700; border-radius: 15px; padding: 5px;">CERTIFICATE OF BIO-MEDICAL WASTE</h3>		
<p>This is to certify that INDO WATER MANAGEMENT & POLLUTION CONTROL CORPORATION has received the Bio-Medical Waste required permission and/or authorisation from the M.P. Pollution Control Board for Operating</p>		
<h2 style="color: #000080;">COMMON BIO-MEDICAL WASTE TREATMENT FACILITY - (CBWTF) INCINERATOR-SATNA</h2>		
<p>Authorisation for collection, Reception, Transportation, Treatment & Final Disposal of Bio-Medical Waste Management Rules, 2016. This Certificate has been given to:-</p>		
<p>HCF/Institution Director/Dr./In charge Name:- CHIEF MEDICAL OFFICER</p>		
<p>Name of HCF:- JK CEMENT WORKS (A UNIT OF JK CEMENT LIMITED)</p>		
<p>HCF Add.:- VILLAGE- HARDUWAKAN, TEH.-AMANGANJ, DISTT.- PANNA (M.P.)</p>		
<p>HCF/Institution Membership No.:- 50030</p>	<p>Period Date from:- 01-Nov-2023 To 31-Oct-2024</p>	
<p>HCF Bed Qty.:- 6</p>	<p>Type of HCF:- Industrial Dispensary</p>	
<p>and it is further certified that the above Mentioned HCF/Institution/Hospital/Path.Lab./Clinic/ Blood Bank etc. has entered in an agreement with INDO WATER MANAGEMENT & POLLUTION CONTROL CORPORATION (CBWTF) Satna, for collection, Reception, Treatment, Storage, Transportation & Final Disposal of the Bio-medical waste, generated from the above HCF/ Institution. Under this agreement the Certificate has given, this enables the HCF/Institution, to apply for New Authorisation Or Renewal of authorisation As per Bio-Medical Waste Management Rules, 2016- from M.P. Pollution Control Board, Dist. CMHO and other Govt. Dept.</p>		
<p>Note : Original Office Copy submit to : Chief Medical and Health Officer.</p>	 <p style="text-align: center;">  Anmol Mohana/Starish Mohana (Director's) INDO WATER MANAGEMENT & POLLUTION CONTROL CORPORATION CBWTF-SATNA </p>	
<p style="font-size: small;">This Certificate is valid as per agreement under terms and conditions.</p>		


Dr. Pradeep Ku. Sharma
 M.B.B.S. (AFIH)
 MEDICAL OFFICER
 Reg. No. 10156

J K Cement Ltd. Panna



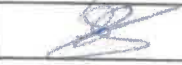






ATTENDANCE SHEET

TRAINING TITLE-BIO-MEDICAL WASTE MANAGEMENT

DATE: 12/12/2023

TRAINER: Dr. Pradeep Sharma

MODE OF TRAINING: offline

SL. NO.	NAME	E.CODE	DEPARTMENT	DESIGNATION	SIGNATURE
1	DR. RAM JI TIWARI	8000060	MEDICAL	DY. CMO	
2	GIRDHARILAL	8000031	MEDICAL	NURSING OFFICER	
3	MD. SHAKEEL	8000051	MEDICAL	NURSING OFFICER	
4	POONAM UPADHYAY	180393	MEDICAL	NURSING OFFICER	
5	ARADHNA SINGH	180424	MEDICAL	LAB TECHNICIAN	
6	RAM KUMAR	180394	MEDICAL	NURSING OFFICER	
7	PANKAJ TIWARI	180431	MEDICAL	NURSING OFFICER	
8	AMAN VISHWAKARMA	180430	MEDICAL	X-RAY TECHNICIAN	
9	MAHESH MUNJAL	180554	MEDICAL	NURSING OFFICER	


Dr. Pradeep Ku. Sharma
DR. PRADEEP K. SHARMA
MEDICAL OFFICER
CMO.
Reg. No. 10156

ANNEXURE-4

FORM – I
[(See rule 4(o), 5(i) and 15 (2))
ACCIDENT REPORTING

Years -2023


1	Date and time of accident:	:	Nil
2	Type of Accident:	:	Nil
3	Sequence of events leading to accident	:	Nil
4	Has the Authority been informed immediately	:	Nil
5	The type of waste involved in accident	:	Nil
6	Assessment of the effects of the Accidents on human health and the environment:	:	Nil
7	Emergency measures taken:	:	Nil
8	Steps taken to alleviate the effects of accidents:	:	Nil
9	Steps taken to prevent the recurrence of such an accident:	:	Nil
10	Does you facility have an Emergency Control policy? If yes give details:	:	Yes, On site Emergency plan has made by the unit to deal with the any emergency situations.

Date: 10/06/2024

Place: Harduwaken


Signature:
 (Kapil Agrawal)

Designation: **Unit Head**


Dr. Pradeep Ku. Sharma
M.B.B.S. (AFIH)
MEDICAL OFFICER
Reg.No. 10156

An Analytical Laboratory

Recognized by MoEF & CC, Accredited by ISO/IEC-17025:2017 (NABL)
(An ISO 9001:2015, 14001:2015 & 45001:2018 Certified Company)

TEST REPORT CODE: VGL/WW/23/11/30/007

TEST REPORT ISSUE DATE: 07.12.2023

TEST REPORT (WASTE WATER)

Name and Address of Customer : M/s. JK CEMENT WORKS, PANNA,
(A UNIT OF JK CEMENT LIMITED.)
VILLAGE-HARDUWAKEN, TEHSIL- AMANGANJ,
DISTT. - PANNA, (M.P)

Location of Sample : STP OUTLET (NEAR GATE COMPLEX)

Sample Description : WASTE WATER

Date & Time of Sampling : 29.11.2023 1:30 PM

Sample Collected by : RAHUL

Environmental Condition (Temp. & RH) : 27.6⁰C & 60%

Sample Packing : SEALED

Laboratory Sample Receiving Date : 30.11.2023

Duration of Sample Analysis : 30.11.2023 TO 07.12.2023

Method of Sampling : APHA 1060B

TEST RESULTS

SI. NO.	TESTS	UNIT	PROTOCOL	RESULT	SPECIFICATION / LIMIT AS PER CPCB
1.	pH	--	APHA 23 rd EDN.:2017, (4500 H+B)	7.58	6.5-9.0
2.	Total Suspended Solid as TSS	mg/L	APHA 23 rd EDN.:2017, (2540D)	18.6	100.0
3.	Chemical Oxygen Demand as COD	mg/L	APHA 23 rd EDN.:2017, (5220 B)	68.5	250.0
4.	Oil & Grease as O & G	mg/L	APHA 23 rd EDN.:2017, (5520 B)	<2.0	10.0
5.	Biological Oxygen Demand as BOD (3days 27 ⁰ C)	mg/L	IS: 3025 (Part-44)	17.6	30.0

Page 1 of 2


Note:

- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- The sample will be destroyed after 15days from the date of issue of test certificate unless otherwise specified.
- Any discrepancy in test result should be reported within 15Days.
- The above results are related to the tested sample only.

Review By:


Dr. Ashok Kumar
Technical Manager

Virat Global Lab
Authorized Signatory


D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/WW/23/11/30/007

TEST REPORT ISSUE DATE: 07.12.2023

TEST REPORT (WASTE WATER)

PART – B (BIOLOGICAL)

TEST RESULTS


Sr. No.	Parameters	Test Method	Result	Unit	SPECIFICATION / LIMIT (AS PER CPCB)
1.	Fecal coliform	APHA24 th Ed. 9221-E	270.0	MPN/100 ML	1000

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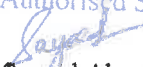
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Virat Global Lab
Authorized Signatory

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Sayed Ahmad
Quality Manager