

**No. JKCW/ENV/BMW/Annual Report/2022/F16/18****Date: 13/01/2023**

To

The Environmental officer,  
Karnataka State Pollution Control Board,  
Sector no.-07, bypass road,  
Navanagar, Bagalkot – 587102

**Sub:** Submission of **Bio Medical Waste Annual report in Form-IV** (see rule -13) for the period from January-2022 to December-2022 for JK Cement Works, Village Muddapur, Taluka- Mudhol, District- Bagalkot (Karnataka).

**Ref:1.** Authorization.No.04/KSPCB/RO/(BGK)/BMW/2018-19/119 dtd :10/05/2018.

**2.** CorrigendumNo: KSPCB/RO(BGK)/Corrigendum/BMW/2022-23/924  
dtd :28/12/2022.

★★★★★

Dear Sir,

With reference to the above cited subject matter, we are hereby enclosing Bio-Medical Waste Generation, Treatment and Disposal report in **(Form-IV & Form-I)** along with Minutes of Meeting **FY 2022 (January to December)** as per Bio-Medical Waste Management Rules, 2016.

Kindly acknowledge the receipt of the same.

Thanking you

Yours faithfully

For J.K. Cement Works, Muddapur



Umashankar Choudhary  
(Unit Head)

**Encls. – As above**

CC:

The Member Secretary, Karnataka State Pollution Control Board, Parisara Bhavan,  
Church Street, Bengaluru – 560001.

o/c

## Corporate Office

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- www.jkcement.com

**JK SUPER  
CEMENT**  
BUILD SAFE

Manufacturing Units at :  
Nimbahera, Mangrol, Gotan (Rajasthan) | Muddapur (Karnataka)  
Jharli (Haryana) | Katni (M.P.) | Aligarh (U.P.) | Balasinor (Gujarat)

**JK CEMENT  
WallMaxX**  
White Cement Wall Putty

Registered Office : Kamla Tower, Kanpur-208001, U.P., India. +91-512-2371478 to 85 91-512-2399854 www.jkcement.com

**Form-IV**  
**(See rule 13)**

**Annual Report for Period from January 2022 to December 2022**


[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.No	Particulars	
1.	Particulars of the Occupier	:
	Name of the authorized person (occupier or operator of facility)	: Dr. Jagadish N Kulkarni, Medical Officer.
	(ii) Name of HCF or CBMWTF	: M/s. Occupational Health Center, JK Cement Ltd
	(iii) Address for Correspondence	: Village- Muddapur, Taluka- Mudhol, District- Bagalkot, Karnataka- 587122.
	Address of Facility	-do-
	Tel. No. Fax. No.	: 08350-289959, 08350-289611
	E-mail ID	: jagadish.kulkarni@jkcement.com
	URL of Website	: www.jkcement.com
	GPS coordinates of HCF of CBMWTF	16°12'.16" N 75°17'.32" E,
	Ownership of HCF of CBMWTF	Private
	Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules.	: Authorization No. 04/ KSPCB / RO (BGK) / BMW /2018-19/119 dated 10-05-2018 & corrigendum No. KSPCB/RO/(BGK)Corrigendum /BMW/202223/924/dtd:28.12.2022
	Status of Consents under Water Act and Air Act.	: Valid up to: 30-06-2026
2.	Type of Health Care Facility	:
	Bedded Hospital	: No. of Beds- 2 no's (Observation purpose)
	Non-Bedded Hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	: NA
	License number and its date of expiry.	: Authorization No. 04/ KSPCB / RO (BGK) / BMW /2018-19/119 dated



**Dr Jagadish N Kulkarni**  
MBBS AFIH  
KMC Reg No 67753  
Sr Manager, Medical Services)  
JK Cement Works Muddapur-587122

		10-05-2018 & corrigendum No. KSPCB/RO/(BGK)Corrigendum /BMW/202223/924/dtd:28.12.2022
3.	Details if CBMWTF	:
	Number healthcare facilities covered by CBMWTF	: NA
	No. of beds covered by CBMWTF	: NA
	Installed treatment and disposal capacity of CBMWTF	: NA
	Quantity of biomedical waste treated or disposal by CBMWTF	: NA
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis) in 2022	Yellow category: 5.438 kg/month (Average) Red category: 4.040 kg/month (Average) White category: 0.931 kg/month (Average) Blue category: 1.950 kg/month (Average) (Month wise waste generation report for all categories is also enclosed as Annexure-1)
5.	Details of the Storage , treatment, transportation, processing and Disposal Facility	
	Details of the on-site storage facility	: - - Provision of on-site storage : We stored in prescribed color coding bins.
	(ii) Disposal Facilities	: All generated quantity of Biomedical waste is handed over to Common Biomedical Waste Disposal Facility, Bagalkot for disposal.
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	: Nil
	(iv) No of vehicles used for collection and transportation of biomedical waste.	: Nil
	Details of incineration ash and ETP sludge generated and disposal during the	N.A.

  
**Dr. Jagadish N. Kulkarni**  
 MBBS AFIH  
 KMC-Reg No 67753  
 Sr. Manager (Medical Services)  
 JK Cement Works, Mudgapur-587122



	treatment of wastes in Kg per annum)		
	Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	COMMON BIO MEDICAL WASTE TREATMENT FACILITY BAGALKOT DISTRICT
	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.	:	YES (Minutes of meeting attached)
7.	Detail trainings conducted on BMW		
	Number of training conducted on BMW Management.		2
	Number of personnel trained		10
	Number of personnel trained at the time of induction		12
	Number of personnel not undergone any training so far.		Nil
	Whether standard manual for training is available ?		Yes
	Any other information)		No
8.	Details of the accident occurred during the year		Nil
	Number of Accidents occurred		Nil
	Number of the persons affected		Nil
	Remedial Action taken (Please attach details if any)		-
	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?		N.A.
	Details of Continuous online emission monitoring systems installed		NA



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Sr Manager, Medical Services)

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10.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year.	Nil
11.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	Nil
12.	Any other relevant information	Nil

**Certified that the above report is for the period from 01.01 2022 to 31.12 2022**

Date: 13-01-2023  
Place: Muddapur

  
 Authorised Signatory  
**Dr Jagadish N Kulkarni**  
 MBBS AFIH  
 KMC Reg No 67753  
 Sr Manager (Medical Services)  
 JK Cement Works Muddapur-587122

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**FORM – I**

[(See rule 4(o), 5(i) and 15 (2)]

**ACCIDENT REPORTING**

(for Period from January 2022 to December 2022)

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 your facility has an Emergency Control policy? If yes give details	No

Date: 13-01-2023

Signature .....

Place: Muddapur

Designation ..... 

**Dr Jagadish N Kulkarni**

MBBS AFIH

KMC Reg No 67753

Sr Manager (Medical Services)

JK Cement Works Muddapur-587122

# BIO-MEDICAL WASTE GENERATION REPORT

In accordance with clause 4 (n) and Schedule-I of Bio-Medical Waste Management Rules, 2016

Name of Occupational Health Center Facility : JK Cement Works, Village-Muddapur, Taluka- Mudhol, District- Bagalkot, Karnataka-587122

	UoM	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total	Permitted Quantity (Kg/Year)
Yellow	(a) Human anatomical waste	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1460
	(b) Animal anatomical waste	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	(c) Soiled waste/Solid waste	kg 3.549	3.036	5.622	4.314	7.110	8.100	6.390	5.705	5.920	5.200	6.910	3.400	65.256	
	(d) Expired or Discarded Medicines	kg 0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	(e) Chemical Waste	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	(f) Chemical Liquid Waste	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	(g) Discarded linen, mattresses, beddings contaminated with blood or body fluid	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Red	(h) Microbiology, Biotechnology and other clinical laboratory waste	kg 0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	730
	Contaminated Waste (Recyclable)/Polythene & Plastic Bags	kg 4.332	3.768	4.863	3.263	4.800	3.760	4.620	4.528	5.120	3.520	3.950	1.960	48.484	
White	Waste sharps including Metals	kg 1.018	0.778	0.938	1.100	0.850	0.900	0.940	0.848	0.950	1.240	0.760	0.850	11.172	730
Blue	(a) Glassware	kg 1.394	1.145	1.430	2.098	2.100	4.122	1.420	1.745	1.900	2.120	1.980	1.950	23.404	730
	(b) Metallic Body Implants	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

Date & Signature of the Authorized Person

**Dr Jagadish N Kulkarni**

MBBS AFIH

KMC Reg No 67753

Sr Manager, Medical Services)

JK Cement Works Muddapur-587122




Date: 06/06/2022

## **Bio Medical Waste Management**

### **(Medical Department)**

#### **Minutes of Meeting**

1. Guidelines on safe management and segregation of waste according to bio medical waste management rules was explained to health care providers
2. Emphasis on wearing PPE while disposing waste was emphasized.
3. Importance of vaccination and Annual Medical examination of health care providers and bio medical waste handlers was explained.
4. Colour coding of bags and appropriate segregation was highlighted.
5. Trained in the management of BMW spills and surface disinfection
6. Trained in the disposal of laboratory waste
7. The concept of Universal precaution is explained
8. All health care providers are instructed to follow Standard Operating Procedures (SOPs) to carry out their activities in their workplace

  
**Dr. Jagadish N Kulkarni**  
MEBS, AFH  
KAC, 587753  
Sr. Manager (Medical Services)  
JK Cement Works KUDDAPUR - 587122




Date: 17/11/2022

## **Bio Medical Waste Management**

### **(Medical Department)**

#### **Minutes of Meeting**

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**Dr. Bhuvaneshwari A. Patil**  
MBBS, FID  
KMC Reg No: 103033  
Dy Manager (Medical Services)  
JK Cement Works MUDDAPUR - 587122