



JK Cement WORKS

MUDDAPUR

(Unit : J. K. Cement Ltd.)

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Works : P.O. Muddapur - 587 122

Dist. Bagalkot (Karnataka) India

No. JKCW/ENV./BMW/16/11

Dated 03-05-2018

To,
Member Secretary
Karnataka State Pollution Control Board
Bangalore

Subject: Annual report of Bio medical waste generation, treatment and disposal for the year 2017 (from January, 2017 to December, 2017) as per Bio-Medical Waste Management Rules, 2016.

Reference: KSPCB/RO (BGK) / BMW / Autho/2015-16/2006 dated 03-09-15

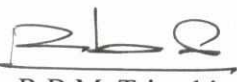
Dear Sir,

Please find herewith enclosed Bio medical waste generation, treatment and disposal report in duly filled (Form-IV & Form-I) along with Minutes of Meeting for the year 2017 (from January, 2017 to December, 2017) for your kind information and record, please.

Thanking you,

Yours faithfully

For J.K. Cement Works, Muddapur (Karnataka)


R.B.M. Tripathi
(Unit Head)

Encl: As above

CC: To, Environmental Officer, Karnataka State Pollution Control Board, Bagalkot



Registered Office :

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From –IV
(See rule 13)

Annual Report for Period from January 2017 to December 2017

[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)]

Sl.No	Particulars		
1	Particulars of the Occupier	:	
	(i) Name of the authorized person (occupier or operator of facility)	:	Mr. R.B.M.Tripathi
	(ii) Name of HCF or CBMWTF	:	M/s J K Health Care Center
	(iii) Address for Correspondence	:	Village- Muddapur, Taluka- Mudhol, District- Bagalkot, Karnataka- 587122
	(iv) Address of Facility	:	-do-
	(v) Tel. No. Fax. No.	:	08350-289000, 08350-289001
	(vi) E-mail ID	:	rbm.tripathi@jkcement.com
	(vii) URL of Website	:	www.jkcement.com
	(viii) GPS coordinates of HCF of CBMWTF	:	Lat. 16012'16.27" N Lon. 75017'32.56" E
	(ix) Ownership of HCF of CBMWTF	:	Private
	(x) Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules.	:	Authorization No. KSPCB / RO (BGK) / BMW / Autho/2015-16/2006 dated 03-09-2015 Valid up to 30-06-2018
	(xi) Status of Consents under Water Act and Air Act.	:	Valid up to: 30-06-2021
2	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds- 2
	(ii) Non-Bedded Hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	NA
	(iii) License number and its date of expiry.	:	NA
3	Details if CBMWTF	:	
	(i) Number healthcare facilities covered by CBMWTF	:	NA
	(ii) No. of beds covered by CBMWTF	:	NA
	(iii) Installed treatment and disposal capacity of CBMWTF	:	__NA__ Kg/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: 12kg/annum Red Category: 10kg/annum White category: 2.5kg/annum

		Blue Category:10kgs/annum																																																							
		General Solid waste:20kgs/annum																																																							
5	Details of the Storage , treatment, transportation, processing and Disposal Facility																																																								
	(i) Details of the on-site storage facility	:	Size :10ftx10ft Deep burial pit																																																						
			Capacity: 1000kg																																																						
			Provision of on-site storage :																																																						
	(ii) Disposal Facilities	:	<table><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><tr><td>Incinerators</td><td>1</td><td>100kg/day</td><td>30kg</td></tr><tr><td>Plasma Paralysis</td><td>Nil</td><td></td><td></td></tr><tr><td>Autoclaves</td><td>1</td><td>25kg/day</td><td>10kg</td></tr><tr><td>Microwave</td><td>Nil</td><td></td><td></td></tr><tr><td>Hydroclave</td><td>Nil</td><td></td><td></td></tr><tr><td>Shredder</td><td>Nil</td><td></td><td></td></tr><tr><td>Needle tip cutter or destroyer</td><td>1</td><td>2kg/day</td><td>2kg</td></tr><tr><td>Sharps encapsulation</td><td>Nil</td><td></td><td></td></tr><tr><td>concrete pit</td><td></td><td></td><td></td></tr><tr><td>Deep Burial pits</td><td>1</td><td>1kg/day</td><td>10kg</td></tr><tr><td>Chemical disinfection</td><td>Nil</td><td></td><td></td></tr><tr><td>Any other treatment equipment:</td><td>Nil</td><td></td><td></td></tr></table>			Type of treatment Equipment	No of Units	Capacity Kg/day	Quantity treated or disposed in Kg per Annum	Incinerators	1	100kg/day	30kg	Plasma Paralysis	Nil			Autoclaves	1	25kg/day	10kg	Microwave	Nil			Hydroclave	Nil			Shredder	Nil			Needle tip cutter or destroyer	1	2kg/day	2kg	Sharps encapsulation	Nil			concrete pit				Deep Burial pits	1	1kg/day	10kg	Chemical disinfection	Nil			Any other treatment equipment:	Nil		
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	(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																																																						
	(v) Details of incineration ash and ETP sludge generated and disposal during the treatment of wastes in Kg per annum)	:	N.A.																																																						
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	COMMON BIO MEDICAL WASTE TREATMENT FACILITY BAGALKOT DISTRICT																																																						
	(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.	YES (Minutes of meeting attached)
7	Detail trainings conducted on BMW	
	(i) Number of training conducted on BMW Management.	1
	(ii) Number of personnel trained	9
	(iii) Number of personnel trained at the time of induction	9
	(iv) Number of personnel not undergone any training so far.	Nil
	(v) Whether standard manual for training is available ?	No
	(vi) Any other information)	No
8	Details of the accident occurred during the year	
	(i) Number of Accidents occurred	NIL
	(ii) Number of the persons affected	NIL
	(iii) Remedial Action taken (Please attach details if any)	-
	(iv) Any Fatality occurred, details.	No fatal occurred due to biomedical wastes
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	We have installed CEMS at raw mill/kiln, Coal mill, Cooler ESP, Cement mill-1, Cement mill-2, Cement mill-3 and Captive Power Plant
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year.	NIL
11	It 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 January 2017 to December 2017

Date: 25-4-2018
Place: Muddapur

Name and Signature of the Head of the Institution
MEDICAL OFFICER

Minutes of Meeting

Subject: Environment & Health Committee Meeting

Date: 05th Nov'17

Chaired By: RBM Tripathi

1) Presentee: Jayant Malhotra, US Choudhary, IB Channal, Nitin Purohit, Kapil Agarwal
Dr. Shamshad Yadwad, Dr. Saurabh Kumar Yadav, Mr. Rajveer Singh, Girish L (Utility), Sumit Singh
Venue: Conference Room (Admin. Building)

A meeting has been called & chaired by our UH Sir along with all committee members to discuss the various issues as presented by Dr. Saurabh Yadav.

S. No.	Description	Compliance with previous MoM points	Responsibility
1	To be Phase-out the use of chlorinated plastic bags, gloves and blood bags within two years of notification.	Not Applicable	Dr. Shamshad
2	Records of biomedical waste generation and disposal to be maintained.	Being maintained	Dr. Shamshad
3	Waste to disposed at common bio-medical waste treatment facility	Being done	Dr. Shamshad Dr. Saurabh Yadav
4	Pit for dumping the waste to be arranged in colony	Not required	Rajesh Singh
5	Training to be provided to all workers and others who engaged in Biomedical waste handling and disposal activities at least once every year	Being provided	Dr. Shamshad
6	After checking other industries action, authorisation, treatment, annual report to be uploaded on company's website.	To be uploaded	Dr. Saurabh Yadav
7	Conduct health check-up at least once in a year for all its health care workers and others	Complied/done	Dr. Shamshad

Remarks: This co-ordination meeting will be carried out once in a six month & previous points will be discussed with complete action plan & status.

DR. SHAMSHAD YADWAD
MBBS, AFIH, FAGE
MEDICAL OFFICER

Minutes of Meeting

Subject: Environment & Health Committee Meeting

Date: 26th May'17

Chaired By: RBM Tripathi

1) Presentee: Jayant Malhotra, US Choudhary, IB Channal, Nitin Purohit, Kapil Agarwal

Dr. Shamshad Yadwad, Dr. Saurabh Kumar Yadav, Mr. Rajveer Singh, Girish L (Utility), Sumit Singh

Venue: Conference Room (Admin. Building)

A meeting has been called & chaired by our UH Sir along with all committee members to discuss the various issues as presented by Dr. Saurabh Yadav.

S. No.	Description	Responsibility
1	To be Phase-out the use of chlorinated plastic bags, gloves and blood bags within two years of notification.	Dr. Shamshad
2	Records of biomedical waste generation and disposal to be maintained.	Dr. Shamshad
3	Waste to disposed at common bio-medical waste treatment facility	Dr. Shamshad Dr. Saurabh Yadav
4	Pit for dumping the waste to be arranged in colony	Rajesh Singh
5	Training to be provided to all workers and others who engaged in Biomedical waste handling and disposal activities at least once every year	Dr. Shamshad
6	After checking other industries action, authorisation, treatment, annual report to be uploaded on company's website.	Dr. Saurabh Yadav
7	Conduct health check-up at least once in a year for all its health care workers and others	Dr. Shamshad

Remarks: This co-ordination meeting will be carried out once in a six month & previous points will be discussed with complete action plan & status.

DR. SHAMSHAD YADWAD
MBBS, AFIH, FAGE
MEDICAL OFFICER

BIO-MEDICAL WASTE REPORT

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

Name of Health Care Facility:

	UoM	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
(a) Human anatomical waste		Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero
(b) Animal anatomical waste		Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero
(c) Soiled waste/Solid waste		125	115	105	150	165	135	116gms	128gms	180gms	175gms	120gms	165gms	1844 gms
(d) Expired or Discarded Medicines		100gms	150gms	145gms	135gms	150gms	95gms	110gms	60gms	175gms	125gms	100gms	115gms	1460gms
(e) Chemical Waste		Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero
(f) Chemical Liquid Waste		Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero
(g) Discarded linen, mattresses, beddings contaminated with blood or body fluid		Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero
(h) Microbiology, Biotechnology and other clinical laboratory waste		45gms	60gms	55gms	30gms	45gms	60gms	70gms	85gms	45gms	40gms	35gms	90gms	660gms
Contaminated Waste (Recyclable)/Polythene & Plastic Bags		45gms	60gms	80gms	100gms	60gms	85gms	60gms	75gms	105gms	45gms	100gms	117gms	932gms
Waste sharps including Metals		60gms	80gms	75gms	85gms	95gms	60gms	88gms	76gms	56gms	80gms	46gms	75gms	876gms
(a) Glassware		50gms	60gms	55gms	60gms	50gms	75gms	60gms	88gms	76gms	56gms	80gms	46gms	756gms
(b) Metallic Body Implants		Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero	Zero

Please Note to mention ZERO wherever Not Applicable

R. SHAMSHAD YADWAD
MBBS, AFIH, FAGE
MEDICAL OFFICER