

Through: Courier service

Ref: OCL/ENV/Sr.VP (Works)/21-22/F- 475

Date: 12/01/2021

To,  
The Member Secretary,  
Karnataka State Pollution Control Board,  
Parisara Bhavan,  
# 49, 4th & 5th Floor, Church Street,  
Bengaluru-560001.

Dear Sir,

**Sub: Submission of Bio Medical Waste Annual Report in form-IV for the year-2021:-Reg**

Ref: Authorization No.451/EO/KLB/BMW/ 2017-18/1076 Dated 02/01/2018.

\*\*\*\*\*

As mentioned in the above cited subject and vide stated reference, we are here by submitting the Annual report of **Bio Medical waste in Form-IV** for the **year -2021** as per Bio Medical Waste (Management & Handling) Rules, 2016.

Kindly find the enclosed Form-IV for your perusals.

Thanking you,  
Yours faithfully,  
For Orient Cement Ltd,

*[Signature]*  
12.01.2022

Satyabrata Sharma  
Sr.VP-Works & Unit Head



Cc: Environmental officer,  
Karnataka State Pollution Control Board,  
Plot no 12/2,SY. No.19/P Mansafdar layout  
MG Road ,Santraswadi  
Kalaburagi- 585 101.

*O/c - Environment Dept.*

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

**ANNUAL REPORT**

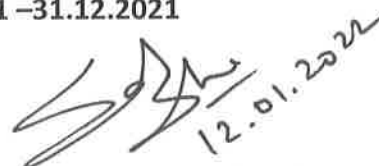
[To be submitted to the prescribed authority on or before 30<sup>th</sup> June every year for the period from **January to December** of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

Sl.No	Particulars	
	Particulars of the Occupier	:
	(i) Name of the authorised person: (occupier or operator of facility)	<b>Dr. Radhika (Chief medical officer)</b>
	(ii) Name of HCF or CBMWTF	<b>Occupational Health Centre M/s. Orient Cement Ltd</b>
	(iii) Address for Correspondence	<b>M/s.Orient Cement Ltd, Itga Village, Chittapur (Tq), Kalaburagi (District) Karnataka-585292. Tele: 08474 236716 Fax: 040 23688754</b>
<b>1.</b>	(iv) Address of Facility	<b>M/s.Orient Cement Ltd, Itga Village, Chittapur (Tq), Kalaburagi (District) Karnataka-585292</b>
	(v)Tel. No, Fax. No	<b>Tele: 08474 236716 Fax: 040 23688754</b>
	(vi) E-mail ID	<b>radhikarao.k@orientcement.com</b>
	(vii) URL of Website	<b><a href="http://www.orientcement.com">www.orientcement.com</a></b>
	(viii) GPS coordinates of HCF or CBMWTF	<b>M/s. BRUNDHAVANA Foundation Kalaburagi</b>
	(ix) Ownership of HCF or CBMWTF	<b>Private (State Government or Private or Semi Govt. or any other)</b>
	(x). Status of Authorisation under the: Bio-Medical Waste (Management and Handling) Rules	<b>Authorisation No.:451/EO/KLB/BMW/2017-18/1076 Dated 02/01/2018 valid up to (One-time Authorisation).</b>
	(xi). Status of Consents under Water Act: and Air Act	<b>Valid up to: Lifetime</b>
	Type of Health Care Facility	:
	(i) Bedded Hospital	<b>No. of Beds.8</b>
<b>2.</b>	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	<b>-NA-</b>
	(iii) License number and its date of expiry	<b>GLB00155AANH, valid up to 21<sup>st</sup> September 2021 GLB-4-00042-2020-21 Valid up to 13.10.2025</b>
	Details of CBMWTF	:
<b>3.</b>	(i) Number healthcare facilities: covered by CBMWTF	<b>-NA-</b>
	(ii) No of beds covered by CBMWTF	<b>-NA-</b>
	(iii)Installed treatment and disposal: capacity of CBMWTF:	<b>-NA-</b>

	(iv) Quantity of biomedical waste treated: or disposed by CBMWTF		-NA-			
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)		Yellow Category: 61.15 kg / Year			
			Red Category : 79.21 kg /Year			
			White category : 1.64 kg /Year			
			Blue category : 30.20 kg/Year			
	(i)Details of the on-site storage facility		Size: --Nil-- litre each bucket			
			Capacity :			
			Provision of on-site storage: (cold storage or any other provision)			
	(ii) Details of the treatment or disposal Facilities		Type of treatment equipment	No of units	Capacity Kg/day	Quantity Treated or Disposed in kg Per annum
			Incinerators	-	-	-
			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 authorized recyclers after Treatment in kg per annum.		NA			
	(iv) No of vehicles used for collection and Transportation of biomedical waste		N A			
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		Quantity Generated	Were disposed		
			Incineration	Nil		
			Ash	Nil		
			ETP Sludge	Nil		
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of		CEECHAMP Kalaburagi, M/s BRUNDHAVANA Foundation Kalburgi			
	(vii) List of members HCF not handed over bio-medical waste.		- NA-			

6	Do you have bio-medical waste Management committee? If yes, attach minutes of the meetings held during the reporting period	:	YES (MoM Enclosed)
	Details trainings conducted on BMW	:	4
	(i) Number of trainings conducted on BMW Management.	:	4
	(ii) number of personnel trained	:	10
7	(iii) number of personnel trained at the time of induction	:	02
	(iv) number of personnel not undergone any training so far	:	Nil
	(v) whether standard manual for Training is available?	:	Yes
	(vi) any other information)	:	Nil
	Details of the accident occurred during the year	:	Nil
8	(i) Number of Accidents occurred	:	Nil
	(ii) Number of the persons affected	:	Nil
	(iii) Remedial Action taken (Please attach details if any)	:	Nil
	(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?	:	NA
	Details of Continuous online emission monitoring systems installed	:	NA
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	NA
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, Never
12	Any other relevant information	:	NA

Certified that the above report is for the period from **01.01.2021 –31.12.2021**



Name and Signature of the Head of the Institution

Date:12.01.2022


Place: Chittapur, Karnataka.

**Committee members are as follows**


Bio medical waste management committee				
Si. No	Name	Designation	Depart	Remark
1	Mr. Saji Kumar	SR.GM	HR	Chairman
2	Dr. Radhika Rao	CMO	OHC	Vice- Chairman
3	Dr. Suresh	MO	OHC	Member
4	Mr. Ramesh Bashetty	Senior Engineer	Environment	Member
5	Mr. Mallikarjun S Patil	OHC Management	OHC	Member
6	Mr. Ravikumar M	OHC	OHC	Member
7	Mr. Shrinivas M	OHC	OHC	Member
8	Mr. Rajendra	OHC	OHC	Member
9	Sri. Padmavathi	OHC	OHC	Member

**Committee discussed and communicated the following.**

- BMW has been outsourced to BRUNDHAVAN Foundation (center for environment education), Sy No-139, Sharasirasagi-village, Afzalpur road, Kulburgi-Dist. 585102.
- Color coded BMW bins have been procures with color coded BMW waste bags.
- Training of nursing staff to be carried out by BMW BRUNDHAVAN Foundation Manager Mr. Yeri Swamy .
- Refresher training of the staff was made to understand the importance of safe disposal of bio medical waste.
- Discussed about bar coding, usage of non-chlorinated bags.
- Disposal of BMW has to be as per Environment act.
- All records to be maintained (quantity of waste disposed).
- Receipts of collection by BRUNDHAVAN Foundation to be maintained for 05 years.
- Uploading of BMW disposal soft documents.
- Training to OHC Staff on BMW Management to ensure free for following of COVID Protocols.
- First Aid Training given to OHC Staff.

  
Mr. Saji Kumar

  
Dr. Radhika Rao

  
Dr. Suresh Kondi

  
Mr. Ramesh Bashetty

  
Mr. Mallikarjun S Patil

  
Mr. Ravikumar

  
Mr. Shrinivas

  
Mr. Rajendra

  
Sri Padmavathi

**Training In respect of BMW management dated 06.09.2021 to nursing staff.**

- Training was provided BMW BRUNDHAVAN Foundation Manager Mr. Yeri Swamy to nursing staff along with Mr. Ramesh Basheitty and Dr. Naseema sultana and Dr. Radhika Rao were involved in training the staff.
- The following were discusses and the staff were made to understand the importance of safe disposal of bio medical waste.
- Different types of Bio medical waste and category explained.
- Usage of n9n-chlorinated color coded bags.
- Any unnatural injury during segregation and disposal to be recorded and proper investigation to be carried out.
- Safe disposal of waste in Color coded dust bins with bags was explained.
- Duration of storage -48 Hrs.
- Weighing of waste.
- Proper maintenance of documents.
- Collection of Receipts of BMW disposal from BRUNDHAVAN Foundation.
- Coordination with BRUNDHAVAN Foundation for collection of BMW.

  
Mr. Ravikumar

  
Mr. Shrinivas

  
Mr. Rajendra

  
Sri. Padmavathi

**Committee members are as follows**

**Bio medical waste management committee**

Si. No	Name	Designation	Depart	Remark
1	Mr. Saji Kumar	SR.GM	HR	Chairman
2	Dr. Radhika Rao	CMO	OHC	Vice- Chairman
3	Dr. Suresh	MO	OHC	Member
4	Mr. Ramesh Bashetty	Senior Engineer	Environment	Member
5	Mr. Mallikarjun S Patil	OHC Management	OHC	Member
6	Mr. Ravikumar M	OHC	OHC	Member
7	Mr. Shrinivas M	OHC	OHC	Member
8	Mr. Rajendra	OHC	OHC	Member
9	Sri. Padmavathi	OHC	OHC	Member

**Committee discussed and communicated the following.**

- BMW has been outsourced to BRUNDHAVAN Foundation (center for environment education), Sy No-139, Sharasirasagi-village, Afzalpur road, Kulburgi-Dist. 585102.
- Color coded BMW bins have been procured with color coded BMW waste bags.
- Training of nursing staff to be carried out by BMW BRUNDHAVAN Foundation Manager Mr. Yeri Swamy .
- Refresher training of the staff was made to understand the importance of safe disposal of bio medical waste.
- Discussed about bar coding, usage of non-chlorinated bags.
- Disposal of BMW has to be as per Environment act.
- All records to be maintained (quantity of waste disposed).
- Receipts of collection by BRUNDHAVAN Foundation to be maintained for 05 years.
- Uploading of BMW disposal soft documents.
- Training to OHC Staff on BMW Management to ensure free for following of COVID Protocols.
- First Aid Training given to OHC Staff.

  
Mr. Saji Kumar

  
Dr. Radhika Rao

  
Dr. Suresh Kondi

  
Mr. Ramesh Bashetty

  
Mr. Mallikarjun S Patil

  
Mr. Ravikumar

  
Mr. Shrinivas

  
Mr. Rajendra

  
Sri Padmavathi



**Training In respect of BMW management dated 20.12.2021 to nursing staff.**

- Training was provided BMW BRUNDHAVAN Foundation Manager Mr. Yeri Swamy to nursing staff along with Mr. Ramesh Basheitty and Dr. Naseema sultana and Dr. Radhika Rao were involved in training the staff.
- The following were discusses and the staff were made to understand the importance of safe disposal of bio medical waste.
- Different types of Bio medical waste and category explained.
- Usage of n9n-chlorinated color coded bags.
- Any unnatural injury during segregation and disposal to be recorded and proper investigation to be carried out.
- Safe disposal of waste in Color coded dust bins with bags was explained.
- Duration of storage -48 Hrs.
- Weighing of waste.
- Proper maintenance of documents.
- Collection of Receipts of BMW disposal from BRUNDHAVAN Foundation.
- Coordination with BRUNDHAVAN Foundation for collection of BMW.

  
Mr. Ravikumar

  
Mr. Shrinivas

  
Mr. Rajendra

  
Sri. Padmavathi