



B K BIRLA GROUP OF COMPANIES

# MANGALAM CEMENT LTD.



MANGALAM CEMENT LTD.

Redg. A/D

MCI./E-28/2022-2023/4699

02.02.2023

The Regional officer,  
Rajasthan Pollution Control Board  
Plot no 2A, Road No 6  
Indraprastha Area, Kota (Raj.)

Sub:- Submission of Annual report for Occupational Health Centre of M/s Mangalam Cement Limited, Morak (Raj) under Bio-Medical Waste Rules, 2016 & its amendment.

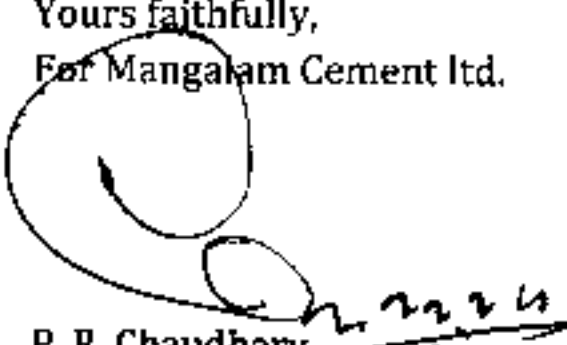
Ref:- 1. Authorization No. BMW/2022-2023/Kota/BMW/7 dated 27/04/2022.  
2. Consent to Operate under the Water Act by order no. 2022-2023/Kota/7945 dated 27/04/2022, valid up to 31.07.2027

Dear Sir,

With reference to above mentioned subject & referred authorization, we are submitting herewith Annual Report in prescribed Form No. IV under the Bio-Medical Waste Rules, 2016 for the period from Jan-2022 to Dec-2022. Kindly acknowledge the receipt.

Thanking you,

Yours faithfully,  
For Mangalam Cement Ltd.

  
P. R. Chaudhary  
Sr. Joint President (O) & FM

Enclosed :- Annual report Form - IV

Regd Office & Works : P.O. Aditya Nagar-326520, Morak, Distt. Kota (Raj.) CIN : L26943RJ1976PLC001705, Telefax : 07459 - 232156  
Website : www.mangalamcement.com, E-mail : email@mangalamcement.com  
Kota Office : Shop No. 20, 80 Feet Road, Opp. Sukhdham Colony, (Near SBI Bank) Kota - 324001 (Rajasthan)  
Mob : 9351468064 / 9351468055 / 9351468445, E-mail : mclkota@kappa.net.in  
Delhi Office : 153, Leela Building (GF), Okhla Indl. Estate, Phase-III, New Delhi - 110020  
Tel. No. : 011- 43539132, 43539133, 43539137 Fax : 011- 23421768  
E-mail : delhi.purchase@mangalamcement.com, delhi.marketing@mangalamcement.com  
Jaipur Office : 2<sup>nd</sup> Floor, Geejgarh Tower, Hawa-Sarak, Jaipur - 302 006 (Rajasthan)  
Tel. : 0141 - 2218933, 2218931, E-mail : jaipur.marketing@mangalamcement.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 (CBMWTF).

S. No.	Particulars	Compliance																																																				
1	Particulars of the Occupier	Mangalam Cement Ltd.																																																				
(i)	Name of the authorized person (occupier or operator of facility)	P. R. Chaudhary																																																				
(ii)	Name of HCF or CBMWTF	Mangalam Cement Ltd. (Occupational Health Centre)																																																				
(iii)	Address for Correspondence	M/s Mangalam Cement Ltd. PO: Aditya Nagar, Village: Morak, Tehsil: Ramganj Mandi, Dist: Kota - 326520 (Rajasthan)																																																				
(iv)	Address of Facility	M/s Mangalam Cement Ltd. PO: Aditya Nagar, Village: Morak, Tehsil: Ramganj Mandi, Dist: Kota - 326520 (Rajasthan)																																																				
(v)	Tel No, Fax No.	07459-232156																																																				
(vi)	E-mail ID	shiv@mangalamcement.com																																																				
(vii)	URL of Website	www.mangalamcement.com																																																				
(viii)	GPS Coordinates of HCF or CBMWTF	Lat: 24°43'1.08" N Long: 75°57'4.27" E																																																				
(ix)	Ownership of HCF or CBMWTF	Private																																																				
(x)	Status of Authorization under the Bio-Medical Waste (Management & Handling) Rules	Authorization No. BMW/2022-2023/Kota/BMW/7 dated 27.04.2022																																																				
(xi)	Status of Consents under Water Act & Air Act	Consent to Operate under the Water Act by order no. 2022-2023/Kota/7945 dated 27.04.2022, valid up to 31.07.2027																																																				
2	Type of Health Care Facility																																																					
(i)	Bedded Hospital	No. of Beds 02																																																				
(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	Consent to Operate under the Water Act by order no. 2022-2023/Kota/7945 dated 27.04.2022, valid up to 31.07.2027																																																				
3	Details of CBMWTF	Not Applicable																																																				
(i)	Number of Health Care Facilities covered by CBMWTF	Not Applicable																																																				
(ii)	Nos of beds covered by CBMWTF	Not Applicable																																																				
(iii)	Installed treatment & 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)	<table border="1"> <tr> <td>Yellow Category</td> <td>3125 gm/annum</td> <td rowspan="5">Details in Annexure - I</td> </tr> <tr> <td>Red Category</td> <td>2056 gm/annum</td> </tr> <tr> <td>White Category</td> <td>446 gm/annum</td> </tr> <tr> <td>Blue Category</td> <td>974 gm/annum</td> </tr> <tr> <td>General Solid Waste</td> <td></td> </tr> </table>	Yellow Category	3125 gm/annum	Details in Annexure - I	Red Category	2056 gm/annum	White Category	446 gm/annum	Blue Category	974 gm/annum	General Solid Waste																																										
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5	Details of the Storage, Treatment, Transportation, Processing and Disposal Facility																																																					
(i)	Details of the on-site storage facility	<table border="1"> <tr> <td>Size</td> <td rowspan="3">Bio-medical waste is disposed by 2A/1 Bio-waste Incinerator, 1 BMWTF (Kawadi) from 01 January 2022 to 31 December 2022</td> </tr> <tr> <td>Capacity</td> </tr> <tr> <td>Provision of on-site storage (cold storage or any other provision)</td> </tr> </table>	Size	Bio-medical waste is disposed by 2A/1 Bio-waste Incinerator, 1 BMWTF (Kawadi) from 01 January 2022 to 31 December 2022	Capacity	Provision of on-site storage (cold storage or any other provision)																																																
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(ii)	Disposal Facility	<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/ Annum</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Plasma Pyrolysis</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Autoclave</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Microwave</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Hydroclave</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Shredder</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Sharps</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>encapsulation or concrete pit</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Deep burial pits</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Chemical Disinfection</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Any other Treatment Equipment</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type of treatment equipment	No of Units	Capacity Kg/ Day	Quantity Treated or Disposed in Kg/ Annum	Incinerators	NA	NA	NA	Plasma Pyrolysis	NA	NA	NA	Autoclave	NA	NA	NA	Microwave	NA	NA	NA	Hydroclave	NA	NA	NA	Shredder	NA	NA	NA	Needle tip cutter or destroyer	NA	NA	NA	Sharps	NA	NA	NA	encapsulation or concrete pit	NA	NA	NA	Deep burial pits	NA	NA	NA	Chemical Disinfection	NA	NA	NA	Any other Treatment Equipment	NA	NA	NA
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Chemical Disinfection	NA	NA	NA																																																			
Any other Treatment Equipment	NA	NA	NA																																																			

(iii)	Quantity of recyclable wastes sold to authorized recyclers after treatment in Kg per Annum	Red Category (Like Plastic, Glass etc.)	2058 gm/annum	
(iv)	No of vehicles used for collection and transportation of biomedical waste	Vehicle provided by CBMWTF		
(v)	Details of Incineration ash and ETP sludge generated and disposed during the treatment of waste in Kg per Annum		Quantity Generated	Where Disposed
		Incineration Ash	NA	NA
		ETP Sludge	NA	NA
(vi)	Name of the Common Bio-Medical Waste Treatment Facility Operator through which waste are disposed of	Bio-medical wastes disposed by M/s Herwin Incinerator, CBMWTF Jaipur from 01 January 2022 to 31 December 2022		
(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 Meetings held during the reporting period	Yes. Bio Medical Waste Management Committee meeting held on 10.03.2022 & 09.09.2022 Copy of MoM are attached as Annexure-II		
7	Details of Trainings Conducted on BMW			
(i)	Number of trainings conducted on BMW Management	Two (02) numbers of training programs were conducted during the year 2022 on dated 07.03.2022 and 07.03.2022 copy of training records are attached as Annexure - III		
(ii)	Number of Personnel Trained	Eight out of Eight personnel		
(iii)	Number of Personnel trained at the time of induction	0		
(iv)	Number of Personnel not undergone any training so far	Nil		
(v)	Whether Standard Manual for Training is available?	Yes. Standard Training Manual is available		
(vi)	Any other information			
8	Details of the accident occurred during the year			
(i)	Number of Accidents occurred	Nil		
(ii)	Number of 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 meet 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?	Yes, 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?	Not Applicable		
12	Any other relevant information	(Air Pollution Control Devices attached with the Incinerator) Not Applicable		

Certified that the above report is true and correct from 01.01.2022 to 31.12.2022.

Date: 18-01-2023  
Place: Atrah, Rajasthan

  
Dr. Umashankar Prasad Singh (M.S. DHC)  
Name & Signature of the Head of the Institution

## OHC MANGALAM CEMENT LIMITED

GENREATION OF BIO MEDICAL WASTE 2022					
MONTH	Yellow wt/gms	Red wt/gms	Blue wt/gms	White wt/gms	TOTAL WEIGHT wt/grms
JANUARY	181	88	76	20	365
FEBRUARY	145	73	76	24	318
MARCH	152	60	64	30	306
APRIL	167	75	73	29	344
MAY	132	89	74	40	335
JUNE	210	71	65	22	368
JULY	148	96	70	32	346
AUGUST	179	84	77	34	374
SEPTEMBER	144	77	48	21	290
OCTOBER	91	89	62	18	260
NOVEMBER	83	92	45	22	242
DECEMBER	1493	1164	244	154	3055
<b>G.Total</b>	<b>3125</b>	<b>2058</b>	<b>974</b>	<b>446</b>	<b>6603</b>





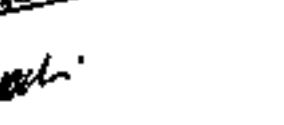

DISPOSAL OF BIO MEDICAL WASTE 2022					
MONTH	Yellow wt/gms	Red wt/gms	Blue wt/gms	White wt/gms	TOTAL WEIGHT wt/grms
JANUARY	181	88	76	20	365
FEBRUARY	145	73	76	24	318
MARCH	152	60	64	30	306
APRIL	167	75	73	29	344
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*Signature*

*Signature*  
Medical officer (OHC)

Meeting of Bio Medical waste management committee was held on 10.03.2022 in the chairmanship of Sh. R.P. Singh

Following members attended the meeting-

- |                            |                  |   |
|----------------------------|------------------|---|
| 1. Sh. R.P. Singh          | Chairman         |    |
| 2. Sh. P.K. Bansal         | Member Secretary |    |
| 3. Dr. Umashankar P. Singh | Nodal Officer    |    |
| 4. Sh. V.K. Mehta          | Member           |   |
| 5. Sh. Giriraj Soni        | Member           |  |
| 6. Sh. Virendra Singh      | Member           |  |

Points Reviewed & Discussed are as under: -



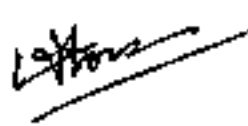
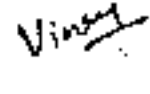
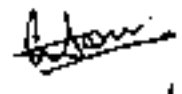

1. Compliance for Disposal of BiMW is being done strictly, as per BMW Rules 2016 & its amendments.
2. Only Non – Chlorinated Polythene Bags is being used for Bio – Medical Waste according to BMW Rules 2016.
3. Use of sufficient numbers of dustbin with proper labeling as per BMW guidelines is being practiced .
4. Appropriate personal protective equipment's (PPE'S ) like hand Gloves, Mask, Goggles, etc. are being provided to all BMW staff.
5. All staffs concerned with BMW have been immunized as per schedule .
6. Quarterly & Annual Return of BMW is being sent in time .
7. Use 1% sodium hypo chloride solution for disinfection .
8. Collected BMW is being disposed off through CBMWTF i.e. Hoswin Incinerator common Bio- Medical Waste Treatment, Jhalawar.

  
Nodal Officer

Dr. U.P. Singh

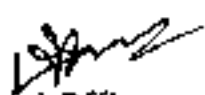
Meeting of Bio Medical waste management committee was held on 09.09.2022 in the chairmanship of Sh. R.P. Singh

Following members attended the meeting-

- |                            |                  |   |
|----------------------------|------------------|---|
| 1. Sh. R.P. Singh          | Chairman         |    |
| 2. Sh. P.K. Bansal         | Member Secretary |    |
| 3. Dr. Umashankar P. Singh | Nodal Officer    |    |
| 4. Sh. V.K. Mehta          | Member           |   |
| 5. Sh. Giriraj Soni        | Member           |  |
| 6. Sh. Virendra Singh      | Member           |  |

Points Reviewed & Discussed are as under: -



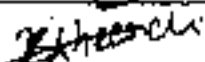
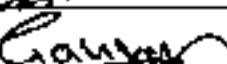


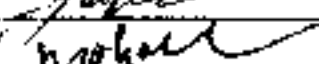
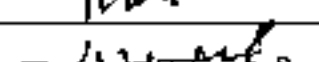
1. Compliance for Disposal of BMW is being done strictly, as per BMW Rules 2016 & its amendments.
2. Only Non – Chlorinated Polythene Bags is being used for Bio – Medical Waste according to BMW Rules 2016.
3. Use of sufficient numbers of dustbin with proper labeling as per BMW guidelines is being practiced .
4. Appropriate personal protective equipment's (PPE'S ) like hand Gloves, Mask, Goggles, etc. are being provided to all BMW staff.
5. All staffs concerned with BMW have been immunized as per schedule .
6. Quarterly & Annual Return of BMW is being sent in time .
7. Use 1% sodium hypo chloride solution for disinfection .
8. Collected BMW is being disposed off through CBMWTF i.e. Hoswin Incinerator common Bio- Medical Waste Treatment, Jhalawar.

  
Nodal Officer

Dr. U.P. Singh

**BMW staff training dated 7.3.2022**

Following medical staff attended BMW training -

S.N.	Name	Signature
1.	Mr. Giriraj soni	
2.	Smt. Allyamma Thomas	
3.	Mr. Virendra singh	
4.	Mr. Gaurav Shringi	
5.	Mr. Rahul sen	
6.	Mr. Farhan	
7.	Mr. Mohan Lal	
8.	Mr. Ramchandra (Sweeper)	



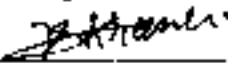

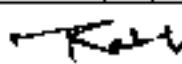

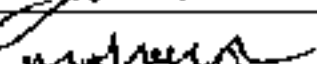
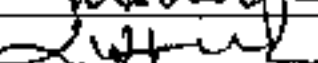
Following Points were discussed-

1. Use red, blue, yellow, white dustbins as per schedule, label dustbins.
2. Indent only non chlorinated polythene bags.
3. All Staff Immunized as per schedule.
4. Use 1% Sodium hypochlorite solution for disinfection.
5. Use mask, gloves etc. during BMW disposal activity.
6. Maintain BMW log book.
7. Handover Bio medical waste to BMW TF after disinfection.

  
MS OHC

**BMW staff training dated 7.9.2022**

Following medical staff attended BMW training -

S.N.	Name	Signature
1.	Mr. Giriraj soni	
2.	Smt. Allyamma Thomas	
3.	Mr. Virendra singh	
4.	Mr. Gaurav Shringi	
5.	Mr. Rahul sen	
6.	Mr. Farhan	
7.	Mr. Mohan Lal	
8.	Mr. Ramchandra (Sweeper)	

Following Points were discussed-

1. Use red, blue, yellow, white dustbins as per schedule, label dustbins.
2. Indent only non chlorinated polythene bags.
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MS OHC



**FORM - I**  
**[(See rule 4(o), 5(l) and 15 (2))]**  
**ACCIDENT REPORTING**

**Occupational Health Centre of M/s Mangalam Cement Limited, Morak, Kota (Raj)**  
**For the period from 01.01.2022 to 31.12.2022**

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

Date: 18.01.2023

Place: Morak

Signature .....

Designation ...M.S.-OHC MCL-Morak