



BK BIRLA GROUP OF COMPANIES

ofc (OHC)

MANGALAM CEMENT LTD.



Redg. A/D

MCL/E-28/2020-2021/205

27.05.2020

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/2017-2018/Kota/BMW/1 dated 05.04.2017
2. Consent to Operate under the Water Act vide order no. 2017-2018/Kota/3302 dated 05.04.2017

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-2019 to Dec-2019. Kindly acknowledge the receipt.

Thanking you,

Yours faithfully,
For Mangalam Cement Ltd.


P. R. Chaudhary
Sr. Joint President (Operation)

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 : mclcta@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 : 2nd 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				
(i)	Name of the authorized person (occupier or operator of facility)	Mangalam Cement Ltd. (Occupational Health Centre)			
(ii)	Name of HCF or CBMWTf	M/s Mangalam Cement Ltd.			
(iii)	Address for Correspondence	PO: Aditya Nagar, Village: Morak, Tehsil: Ramganj Mandi, Dist: Kota - 326520 (Rajasthan)			
(iv)	Address of Facility	PO: Aditya Nagar, Village: Morak, Tehsil: Ramganj Mandi, Dist: Kota - 326520 (Rajasthan)			
(v)	Tel No, Fax No.	07459-252156			
(vi)	E-mail ID				
(vii)	URL of Website	www.mangalampcement.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/2017-2018/Kota/BMW/1 dated 05/04/2017, valid up to 31.07.2022			
(xi)	Status of Consents under Water Act & Air Act	Consent to Operate under the Water Act by order no. 2017-2018/Kota/3302 dated 05/04/2017, valid up to 31.07.2022			
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. 2017-2018/Kota/3302 dated 05/04/2017, valid up to 31.07.2022			
3	Details of CBMWTf				
(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)	Yellow Category	38.835 Kg/annum	Details in Annexure - I	
		Red Category	3.331 Kg/annum		
		White Category	2.311 Kg/annum		
		Blue Category	3.138 Kg/annum		
		General Solid Waste			
5	Details of the Storage, Treatment, Transportation, Processing and Disposal Facility				
(i)	Details of the on-site storage facility	Size Capacity Provision of on-site storage (cold storage or any other provision)	Bio-medical waste is disposed by M/s Hogwin Incinerator, CBMWTf Alwar From 01 January 2019 to 30 June 2019 and by M/s Hogwin Incinerator, CBMWTf Jhalawar From 01 July 2019 to 31 December 2019		
(ii)	Disposal Facility	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
		Autoclaves	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

(ii)	Quantity of recyclable wastes sold to authorized recyclers after treatment in Kg per Annum	Red Category (Like Plastic, Glass etc.)	3,331 kg/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		Where disposed
			Quantity Generated
		Incineration Ash	NA
		ETP Sludge	NA
(vi)	Name of the Common Bio-Medical Waste Treatment Facility Operator through which waste are disposed of	Bio-medical waste is disposed by M/s Hoswin Incinerator, CBMWTF Awar From 01 January 2019 to 30 June 2019 and by M/s Hoswin Incinerator, CBMWTF Jhalawar From 01 July 2019 to 31 December 2019	
(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 30.03.2019 & 26.09.2019 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 program were conducted during the year 2019 on dated 25.03.2019 and 27.09.2019 copy of training records are attached as Annexure - III	
(ii)	Number of Personnel Trained	Nine out of Nine personnel	
(iii)	Number of Personnel trained at the time of induction	Nil, as no new joining in OHC during year 2019	
(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 met 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, No	
11	Is the disinfection method or sterilisation 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 for the period from 01.01.2019 to 31.12.2019.

Date 27/11/2020
Place Morak, Rajasthan

M. O.
OHC

Name & Signature of the Head of the Institution

OHC MANGALAM CEMENT LIMITED

GENRATION OF BIO MEDICAL WASTE 2019					
	Yellow	Red	Blue	White	TOTAL WEIGHT
MONTH	wt/Kgms	wt/Kgms	wt/Kgms	wt/Kgms	wt/Kgms
JANUARY	3.789	0.37	0.275	0.191	4.625
FEBRUARY	3.445	0.289	0.235	0.177	4.146
MARCH	3.634	0.372	0.258	0.191	4.455
APRIL	3.582	0.314	0.243	0.177	4.316
MAY	3.587	0.335	0.261	0.197	4.38
JUNE	3.665	0.31	0.241	0.182	4.398
JULY	3.691	0.329	0.233	0.189	4.442
AUGUST	3.778	0.325	0.273	0.195	4.571
SEPTEMBER	3.494	0.275	0.246	0.197	4.212
OCTOBER	2.863	0.262	0.625	0.401	4.151
NOVEMBER	1.965	0.089	0.103	0.179	2.336
DECEMBER	1.342	0.061	0.145	0.035	1.583
G.Total	38.835	3.331	3.138	2.311	47.615

Total Weight = kgms

DISPOSAL OF BIO MEDICAL WASTE 2019					
	Yellow	Red	Blue	White	TOTAL WEIGHT
MONTH	wt/Kgms	wt/Kgms	wt/Kgms	wt/Kgms	wt/Kgms
JANUARY	3.789	0.37	0.275	0.191	4.625
FEBRUARY	3.445	0.289	0.235	0.177	4.146
MARCH	3.634	0.372	0.258	0.191	4.455
APRIL	3.582	0.314	0.243	0.177	4.316
MAY	3.587	0.335	0.261	0.197	4.38
JUNE	3.665	0.31	0.241	0.182	4.398
JULY	3.691	0.329	0.233	0.189	4.442
AUGUST	3.778	0.325	0.273	0.195	4.571
SEPTEMBER	3.494	0.275	0.246	0.197	4.212
OCTOBER	2.863	0.262	0.625	0.401	4.151
NOVEMBER	1.965	0.089	0.103	0.179	2.336
DECEMBER	1.342	0.061	0.145	0.035	1.583
G.Total	38.835	3.331	3.138	2.311	47.615

Total Weight = kgms


 Medical officer (OHC)

Minutes of Meeting of Bio Medical Waste Management Committee,
held on 30.03.2019 in the chairmanship of Sh. S.D.Arya.

Following members attended the meeting-

1. Sh. S.D. Arya
2. Dr. K.S Tanwar
3. Sh. Saurabh Agarwal
4. Sh. V.K. Mehta
5. Sh. Giriraj Soni
6. Sh. Virendra Singh

Chairman

Nodal Officer

Member

Member

Member

Member

Points Reviewed & Discussed are as under:-



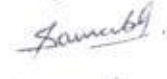



1. Compliance for Disposal of BMW is being done strictly, as per BMW Rules 2016 & its amendments.
2. Only Non-Chlorinated Polythene Bags is being used for Bio-Medical Waste according to BMW Rules 2016.
3. Use of sufficient numbers of dustbin with proper labelling as per BMW guidelines is being practiced
4. Appropriate Personal Protective Equipment's (PPE's) like Hand Gloves, Noise Mask, Apron, Goggles, etc. are being provided to all BMW staff.
5. All staff concerned with BMW have been immunized as per schedule. No new staff Joined.
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, Alwar.

Nodal officer

(Dr. K.S. Tanwar)

Meeting of Bio Medical waste management committee was held on 26.9.2019 in the chairmanship of Sh. S.D.Arya.

Following members attend the meeting-

1 Sh. S.D. Arya	Chairman	
2 Dr. R.K. Patidar	Nodal Officer	
3 Sh. Saurabh Agarwal	Member	
4 Sh. V.K. Mehta	Member	
5 Sh. Giriraj Soni	Member	
6 Sh. Virendra Singh	Member	

Points Reviewed & Discussed are as under: -



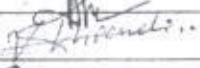
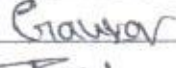

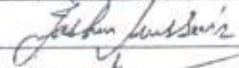
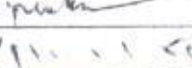

1. Compliance for Disposal of BMW is being done strictly , as per BMW Rules 2016 & its amendments.
2. Only Non – Chlorinated Polythene Bags is being used for Bio – Medical Waste according to BMW Rules 2016.
3. Use of sufficient numbers of dustbin with proper labeling as per BMW guidelines is being practiced .
4. Appropriate personal protective equipment's (PPE'S) like hand Gloves, Noise Mask, Goggles, etc. are being provided to all BMW staff.
5. All staff 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, Alwar.


Nodal officer

(Dr. R.K. Patidar) .

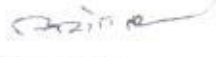
BMW staff training dated 25.3.2019

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)	




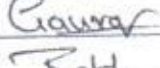
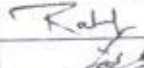
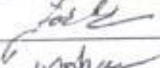

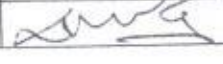
Following Points were discussed-

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. No new Staff Joined.
4. Use 1% Sodium hypochlorite solution for disinfection.
5. Use mask, gloves etc. during BMW disposal activity.
6. Maintain BMW log book.
7. Collected BMW to be disinfected by Autoclaving till new CBMWTFDF Contract is done.


MO OHC

BMW staff training dated 27.9.2019

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. Collected BMW to be disinfected by Autoclaving till new CBMWTDF Contract is done.


MO 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 01.01.2019 to 31.12.2019

- | | | |
|-----------------------------------------------------------------------------------|---|------|
| 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 your facility has an Emergency Control policy? If yes give details | : | Yes, |

Date: 27.05.2020

Place: Morak

Signature

Designation M.O. OHC