



# SHREE RAIPUR CEMENT PLANT

(A UNIT OF SHREE CEMENT LIMITED)



Village : Khaparadih, Tehsil : Simga, Distt. : Baloda Bazar-Bhatapara (C.G.) Pin : 493 332,  
Ph. : 07727-203101, CIN No. : L26943RJ1979PLC001935

SRCP/ENV/2021-22/165

Date: 16/02/2022

To,  
The Member Secretary,  
Chhattisgarh Environment Conservation Board,  
Paryavas Bhavan, North Block, Sector-19  
Naya Raipur (C.G)

**Sub:** Submission of Bio-Medical-waste annual return (Form-IV) under Bio-Medical Waste Management Rules, 2016.

**Ref:** Bio Medical Authorization No.- 7922/BMW/HO/CECB/2020, Raipur dated 17.12.2020

Dear Sir,

Please find enclosed herewith duly filled-in Form-IV (annual report) under Bio-Medical Waste Management Rules, 2016. For the period of January, 2021 to December, 2021 for M/s Shree Raipur Cement Plant (A Unit of Shree Cement Limited) Village Khaparadih, Tehsil: Simga, Dist.: Baloda Bazar-Bhatapara, (C.G.)

Hope you will find this in order.

Thanking You  
Yours faithfully,

**For Shree Raipur Cement Plant  
(A unit of Shree Cement Ltd.)**

**R K Vijay  
VP (Operations)**

Cc to: - Regional Officer, Regional Office, Chhattisgarh Environment Conservation Board,  
Commercial Complex, Chhattisgarh Housing Board Colony, Kabir Nagar, Raipur  
(C.G.)- 492099

**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	
1.	Particulars of the Occupier	
	(i) Name of the authorised person (occupier or operator of facility)	Sh. R.K. Vijay Vice- President (Operations) Shree Raipur Cement Plant (A Unit of Shree Cement Ltd),
	(ii) Name of HCF or CBMWTF	Occupational Health Centre
	(iii) Address for Correspondence	Shree Raipur Cement Plant, (A Unit of Shree Cement Ltd), Vill - Khapradih, Tehsil - Simga, Distt - Balodabazar - Bhatapara (C.G) - 493332
	(iv) Address of facility	Occupational Health Centre, Shree Raipur Cement Plant, (A Unit of Shree Cement Ltd), Vill - Khapradih, Tehsil - Simga, Distt - Balodabazar - Bhatapara (C.G) - 493332
	(v) Tel. No, Fax. No	Mob. No - 07727-203101 Fax No :- 0771-2430007
	(vi) E-mail ID	vijayrk@shreecement.com
	(vii) URL of Website	www.shreecement.com
	(viii) GPS co-ordinates of HCF or CBMWTF	N 21°35'59.5" E 82°04'56.1"
	(ix) Ownership of HCF or CBMWTF	HCF
	(x) Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules.	Bio Medical Authorization No.- 7922/BMW/HO/CECB/2020, Raipur dated 07.12.2020 Valid up to - 19.01.2025.
	(xi) Status of Consents under Water Act and Air Act.	CTO (Air & Water) no. 9505 /TS/CECB/ 2021 dated- 02.02.2021 valid up to 31.01.2023.
2.	Type of Health Care Facility	
	(i) Bedded Hospital	04 Beds - Occupational Health Center
	(ii) Non-bedded hospital	Clinical laboratory ( For Initial & Periodical medical examination of Employees)
	(iii) (Clinic or blood bank or clinical laboratory or research institute or veterinary hospital or any other)	
	(iv) License number and its date of expiry	Not Applicable
3.	Details of CBMWTF	
	(i) Number healthcare facilities covered by CBMWTF	Not Applicable
	(ii) No of beds covered by CBMWTF	Not Applicable
	(iii) Installed treatment and 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 : 16.32 kg			
		Red Category : 10.87 kg			
		White : 14.59 kg			
		Blue Category : 16.83 kg			
		General Solid Waste : -			
5.	Details of Storage, Treatment, transportation, processing and disposal facility.				
	(i) Details of the on- site storage facility	Size – In plastic bags like Yellow, Red, Blue & Black colour			
		Capacity - Max. 5 Kgs.			
		Provision of on-site storage (cold storage or any other provision) - <b>Generated Waste segregate and stored in prescribed container &amp; treated with 10% Sodium Hypochlorite solution.</b>			
	(ii) Disposal facilities	Type of treatment equipment	No. of units	Capacity Kg/day	Quantity treated or disposed in kg per annum
		Incinerators	-	-	-
		Plasma Pyrolysis	-	-	-
		Autoclaves	1	5 Lit.	-
		Microwave	-	-	-
		Hydroclave	-	-	-
		Shredder	-	-	-
		Needle tip cutter or destroyer	1	-	-
		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.	<b>Not Applicable</b>			
	(iv) No. of vehicles used for collection and transportation of biomedical waste.	Special vehicle collecting the Bio medical waste on 48 Hrs. basis.			
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment if biomedical waste.		Quantity generated	Where disposed	
		Incineration	NA	NA	

		Ash	NA	NA
		ETP Sludge	NA	NA
	(vi) Name of the common Bio-Medical Waste treatment facility operator through which wastes are disposed of	M/s SMS Watergrace Enviropact Pvt. Ltd. Raipur (C.G.)		
	(vii) List of member HDF not handed over bio-medical waste.	<b>Not Applicable</b>		
6.	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	<b>Yes. Minute of meetings are enclosed as Annexure-I</b>		
7.	Details trainings conducted on BMW			
	(i) Number of trainings conducted on BMW Management	<b>2</b>		
	(ii) Number of personnel trained	<b>7</b>		
	(iii) Number of personnel trained at the time of induction	<b>All</b>		
	(iv) Number of personal not undergone any training so far	<b>Nil</b>		
	(v) Whether standard manual for training is available	<b>Yes</b>		
8.	Details of the accident occurred during the year	<b>Nil. Accidental report is enclosed as Annexure-II</b>		
	(i) Number of accidents occurred	<b>Nil</b>		
	(ii) Number of the persons affected	<b>Nil</b>		
	(iii) Remedial Action taken (Please attach details of any)	<b>Nil</b>		
	(iv) Any Fatality occurred, details.	<b>Nil</b>		
9.	Are you meeting the standards of Air pollution from the incinerator? How many times in last year could not meet the standards?	<b>Not Applicable</b>		
10.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	<b>We are meeting the prescribed standard.</b>		
11.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	<b>Meet standards.</b>		
12.	Any other relevant information.	<b>NA</b>		

Certified that the above report is for the period from January, 2021 to December, 2021.

Name and signature of the Head of the Institution-



**Abinash Das**  
**Asst. Manager (Environment)**

**Date:** 16.02.2022

**Place:** Vill- Khapradih,

**Dist:-** Balodabazar- Bhatapara (C.G.)

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

**Unit Name - Shree Raipur Cement Plant (A Unit of Shree Cement Limited) Village**  
**Khapradih, Tehsil: Simga, Dist.: Baloda Bazar-Bhatapara, (C.G.)**

**Period: - January 2021 to December 2021**

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	N.A.
5	The type of waste involved in accident	N.A.
6	Assessment of the effects of the accidents on human health and the environment	N.A.
7	Emergency measures taken	N.A.
8	Steps taken to alleviate the effects of accidents	Nil
9	Steps taken to prevent the recurrence of such an accident	N.A.
10	Does your facility have an Emergency Control policy? If yes give details	N.A.

Date: 20.01.2022

Place: Khapradih

Signature 

Dr. Santosh Kumar

## Minutes of Meeting

### Six monthly meeting of Bio-medical waste management committee

Date:- December 20<sup>th</sup>, 2021

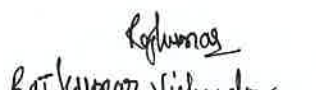
Member presents:-

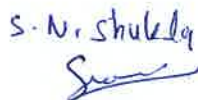
1. Dr. Santosh Kumar (Medical)
2. Shri. Manish Sahu (Medical)
3. Shri. Abinash Das (Environment)
4. Shri. S. N. Shukla (Environment)
5. Shri. Raj Kumar Vishwakarma
6. Shri. Pradeep Kumar Bhoi (P & A)

The six monthly meeting of Bio-medical waste management committee held on December 20<sup>th</sup>, 2021 and review of last MOM points are discussed and reviewed:-

1. Handling of Bio medical waste is found to be correct as per Govt. Guidelines.
2. Handling of liquid Bio medical waste in separate pits, it is sterilized with 10% hypo solution before final disposal.
3. Collected of Bio Medical Waste by 3rd Party on regular manner.
4. No any deviation found regarding the collection of Bio Medical Waste during physical verification on site.
5. Training was conducted as per schedule.
6. Daily updation of Bio Medical Waste generation details

  
ABINASH DAS

  
Raj Kumar Vishwakarma

  
S. N. Shukla

  
Manish Sahu

  
Dr. Santosh Kumar

  
Pradeep Kumar Bhoi

## Minutes of Meeting

### Six monthly meeting of Bio-medical waste management committee

Date: - June 17<sup>th</sup>, 2021

Member presents: -

1. Dr. Santosh Kumar (Medical)
2. Shri. Manish Sahu (Medical)
3. Shri. Abinash Das (Environment)
4. Shri. S. N. Shukla (Environment)
5. Shri. Pradeep Kumar Bhoi (P & A)


The six monthly meeting of Bio-medical waste management committee held on June 17<sup>th</sup>, 2021 and following points are discussed and reviewed: -


1. Handling of Bio medical waste in safe manner with proper PPE.
2. Handling of Bio medical waste without any adverse effect on human health and environment.
3. Maintaining safe premises with collection of BMW as per guidelines in non-chlorinated plastic bags.
4. Provide awareness and training regarding safe handling, storage and dispose of Bio medical waste
5. Maintain and update day-by-day bio medical waste management register.
6. Timely conduct health check-up of all the contract persons and employees.
7. Timely submission of compliance and returns of BMW to the regulatory authorities.

  
ABINASH DAS

S. N. Shukla  


  
Manish Sahu

  
Dr. Santosh Kumar

  
Pradeep Kumar Bhoi

**Shree Raipur Cement Plant****(A unit of Shree Cement Ltd.)****Month Wise Biomedical Waste Generation as per Schedule-1  
from January-2021 to Dec-2021**

Month	<b>*All figures in Kg</b>			
	<b>Yellow Category</b>	<b>Red Category</b>	<b>White Category</b>	<b>Blue Category</b>
Jan-21	1.10	1.06	1.15	1.24
Feb-21	1.24	1.14	0.85	1.54
Mar-21	1.16	0.99	1.03	1.02
Apr-21	1.01	0.99	0.83	1.02
May-21	1.31	1.07	0.75	1.23
Jun-21	1.55	0.71	2.03	1.54
Jul-21	1.47	0.86	1.84	2.37
Aug-21	1.63	0.55	1.46	1.29
Sep-21	1.34	0.73	1.33	1.35
Oct-21	1.63	0.92	1.12	1.67
Nov-21	1.21	0.99	1.07	1.10
Dec-21	1.67	0.86	1.14	1.46
<b>Total</b>	<b>16.32</b>	<b>10.87</b>	<b>14.59</b>	<b>16.83</b>

  
**Dr. SANTOSHI KUMAR**  
**MEDICAL OFFICER**  
**SHREE RAIPUR CEMENT PLANT**  
(A Unit of Shree Cement Ltd.)  
Village : Khapradih, Tehsil : Simga  
Distt. Baloda Bazar-Bhatapara  
Pin : 493 332 (Chhattisgarh)