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NALWA
STEEL & POWER

Ref.: -NSPL/EMD/2022/26

Date: 04.02.2022

To
Member Secretary
C.G. Environmental Conservation Board
Paryavas Bhavan,
North Block Sector-19,
Naya Raipur(C.G.) 490099

Sub: Annual Return under Bio-Medical Wastes Management, Rules 2016 from January 2021 to December 2021.

Ref.: Authorization no. 219/HO/BMW/CECB/ATAL NAGAR RAIPUR,
Letter no. 6462/ BMW /HO /CECB /2019 Raipur, dated 23/10/2019

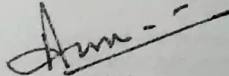
Dear Sir,

This has reference to the above mentioned subject and authorization. We are enclosing herewith online annual return copy in Form IV, which is submitted through online consent management and monitoring system as application return no. 9151147, dated 04.02.2022 under Bio-Medical Wastes Management, Rules 2016.

This is for your kind information and record Please.

Thanking You,

With Regards,
For Nalwa Steel and Power Limited


S.S. Rathi
Director
DIN No.06986371

C.C. :- Regional Officer CECB, Raigarh (C.G.)



Nalwa Steel And Power Limited

[Corporate identity number (CIN): U74899DL1939PLC035212]

P.B. No.7, Gharghoda Road, Taraimal, Raigarh-496001, Chhattisgarh

T +91 7762- 304700-9, +91 7762- 261489-90, info@nalwa.com, W www.nalwa.com

Registered Office: 28, Najafgarh Road, New Delhi-110015



CHHATISGARH ENVIRONMENT CONSERVATION BOARD

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 health care facility(HCF),or common bio-medical waste treatment facility (CBWTF)]

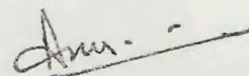
Return No : 9151147

Period : 01.01.2021 to 31.12.2021

1. Particulars of the Occupier	
(i) Name of the authorized person (Occupier or operator of facility):	SARDAR SINGH RATHI
(ii) Name of HCF or CBMWTF:	NALWA STEEL AND POWER LIMITED
(iii) Address for Correspondence:	NALWA STEEL AND POWER LIMITED
(iv) Address of Facility:	VILLAGE TARAIMAL, GHARGHODA ROAD
(v) Tel. No.:	9179077500
(vi) Fax. No.:	07762 - 244710
(vii) E-mail ID:	emd@nalwa.com
(viii) URL of Website:	www.nalwa.com
(ix) GPS coordinates of HCF of CBMWTF:	Latitude: 22°01'06" N, Longitude: 83°22'39" E
(x) Ownership of HCF or CBMWTF:	Private
(xi) Status of Authorization under the BMW (Management and Handling) Rules:	Authorization No.: 219/HO/BMW/CECB/ATAL NAGAR, RAIPUR Valid Upto: 12/04/2022
(xii) Status of Consents under Water Act and Air Act.:	Valid Upto: 15/10/2023
2. Type of Health Care Facility	
HCF/CBMWTF Type:	HCF
(i) No. of Beds(for Bedded Hospital):	4
(ii) Non-Bedded Hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other):	NOT APPLICABLE
(iii) Licence Number:	0381
(iv) Licence date of expiry:	13/07/2025
3. Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	Yellow Category: 1 Red Category: 1 White Category: 1 Blue Category: 1 General Solid Waste: 3
4. Details of the Storage, Treatment, Transportation, Processing and Disposal Facility Details	
(i) Details of the on-site storage facility:	Size: 0 Capacity: 0 Provision of on-site storage: Daily shifted to deep burial pit

(ii) Disposal Facility:	<table border="1"> <thead> <tr> <th>Type of Treatment Equipment</th> <th>Number of Units</th> <th>Capacity (Kg/day)</th> <th>Quantity Treated or Disposed (Kg/annum)</th> </tr> </thead> <tbody> <tr> <td>Autoclaves</td> <td>1</td> <td>10</td> <td>1</td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td>3</td> <td>1</td> <td>1</td> </tr> <tr> <td>Sharps encapsulation or concrete pit</td> <td>3</td> <td>100</td> <td>100</td> </tr> <tr> <td>Deep burial pits</td> <td>1</td> <td>10</td> <td>10</td> </tr> <tr> <td>Incinerators</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Chemical disinfection (ETP/STP)</td> <td>1</td> <td>350</td> <td>250</td> </tr> </tbody> </table>	Type of Treatment Equipment	Number of Units	Capacity (Kg/day)	Quantity Treated or Disposed (Kg/annum)	Autoclaves	1	10	1	Needle tip cutter or destroyer	3	1	1	Sharps encapsulation or concrete pit	3	100	100	Deep burial pits	1	10	10	Incinerators	0	0	0	Chemical disinfection (ETP/STP)	1	350	250
Type of Treatment Equipment	Number of Units	Capacity (Kg/day)	Quantity Treated or Disposed (Kg/annum)																										
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Needle tip cutter or destroyer	3	1	1																										
Sharps encapsulation or concrete pit	3	100	100																										
Deep burial pits	1	10	10																										
Incinerators	0	0	0																										
Chemical disinfection (ETP/STP)	1	350	250																										
(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum:	0																												
(iv) No of vehicles used for collection and transportation of BMW:	1																												
(v) Details of incineration, ash and ETP sludge generated, disposal during the treatment of wastes in Kg per annum	<table border="1"> <thead> <tr> <th>Type of waste</th> <th>Quantity Generated</th> <th>Where disposal</th> </tr> </thead> <tbody> <tr> <td>Incineration</td> <td>0</td> <td>0</td> </tr> <tr> <td>Ash</td> <td>0</td> <td>0</td> </tr> <tr> <td>ETP Sludge</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Type of waste	Quantity Generated	Where disposal	Incineration	0	0	Ash	0	0	ETP Sludge	0	0																
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Incineration	0	0																											
Ash	0	0																											
ETP Sludge	0	0																											
(vi) Name of the Common BMW Treatment Facility Operator through which wastes are disposed of:	NOT APPLICABLE																												
5. Do you have BMW management committee:	yes																												
details:	MOM copy is enclosed for reference																												
6. Training Conducted on BMW Details																													
(i) Number of training conducted on BMW Management:	2																												
(ii) Number of personnel trained:	8																												
(iii) Number of personnel trained at the time of induction:	8																												
(iv) Number of personnel not undergone any training so far:	0																												
(v) Whether standard manual for training is available:	yes																												
(vi) Any other information:	No																												
7. Details of the accident occurred																													
(i) No. of accident occurred:	0																												
(ii) Number of the persons affected:	0																												
(iii) Remedial Action taken:	NOT APPLICABLE																												
(iv) Any Fatality occurred, details:	NIL																												
8. 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
9. Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year:	Complied. Liquid waste after neutralization discharged to STP for further treatment, STP has been installed in the plant premises.
10. Is the disinfection method or sterilization meeting the log for standards? How many times you have not met the standards in a year?:	Complied. Liquid waste after neutralization discharged to STP for further treatment, STP has been installed in the plant premises.
11. Any other relevant information:	Biomedical waste is collected & disposed to Deep burial pit.



Name and Signature of the Head of the Institution

Date :04/02/2022

Place : RAIGARH

NALWA STEEL & POWER LTD, RAIGARH (C.G)
BIOMEDICAL WASTE GENERATION DATA –Year 2021 for annual return data

CATEGORY MONTH	YELLOW	RED	BLUE	UNIT: KG WHITE
Jan-2021	0.568	0.735	0.524	0.034
Feb-2021	0.391	0.548	0.390	0.012
Mar-2021	0.321	0.421	0.297	0.009
Apr-2021	0.198	0.294	0.224	0.007
May-2021	0.266	0.316	0.262	0.01
Jun-2021	0.222	0.321	0.244	0.008
July-2021	0.265	0.330	0.272	0.009
Aug-2021	0.332	0.577	0.328	0.012
Sep-2021	0.199	0.352	0.243	0.007
Oct-2021	0.433	0.777	0.35	0.014
Nov-2021	0.456	0.703	0.387	0.016
Dec-2021	0.471	0.709	0.418	0.012
Total Kg/Annum	4.122	6.083	3.939	0.150
Total Avg Kg/month	0.3435	0.5069	0.3282	0.0125

Handwritten:
 H/c
 06/12/22

MINUTES OF MEETING OF BIOMEDICAL WASTE MANAGEMENT

Date of Meeting : 16.12.2021

Time : 2.30 PM

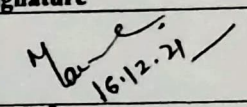
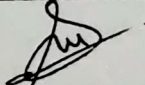
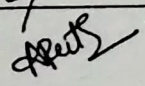
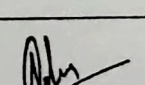
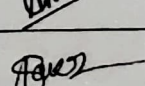
Venue: Occupational Health Centre

Meeting Chaired by : M.L Sahu

Observation Points :

Sl.No.	Observation	Responsibility	Remarks.
1.	Good housekeeping to be maintained at Biomedical waste deep burial storage site.	OHC	
2.	Discharge all liquid waste of pathology into STP line after neutralization.	OHC	
3.	it is mandatory for all the employee of the healthcare facility to be trained on handling of biomedical waste Management and handling as per BMW Rules, 2016.	OHC & EMD	
4.	Never mix bio-medical waste with general waste. Do not use chlorinated plastic bags for collection of bio-medical waste.	OHC	
5.	Never store waste beyond 48 hrs.	OHC	
6.	Do not handle waste without Personal Protective Equipment such as protective clothing, gloves, masks, shoe etc.	OHC	
7.	Ensure that the colour coded bag has bio-hazard symbol, label and bar coded label.	OHC	
8.	Maintain records with regard to bio-medical waste management vis-à-vis waste generation, storage, treatment & disposal.	OHC	
9.	Collect the organic waste such as leftover food, fruit peels, etc., in green coloured wet bin, meant for general waste.	OHC	
10.	All category of Waste to be collected in Yellow, white , red & Blue colour coded container.	OHC	

Member Present :

SL No.	Name	Department	Signature
01	M.L Sahu (Chairman)	EHS	 16.12.21
02	Dr. Sumeet K. S. Mondal (Medical Officer)	OHC	
03	Ajay Patel (Co-Coordinator)	OHC	
04.	Sanjoy Sahu	OHC	
05.	Susheela Lakra	OHC	
06.	Bablu Dutta	EMD	