

ADITYA BIRLA



HINDALCO

WE-D.3.1/2192

09th May 2018

**The Environmental Engineer,
West Bengal Pollution Control Board,
Howrah Regional Office,
Minority Bhawan, 5th Floor,
D. M. Office Campus, Alipore
Kolkata - 700027**

A. Chattarjee
10.05.18.
Received
Contents Not Verified
W. B. Pollution Control Board
Howrah Regional Office

Sub.: Submission of Annual Report in respect of Bio-Medical Waste in Form IV for the period from January 2017 to December 2017.

Dear Sir,
Enclosed please find herewith the Annual Report of Bio-medical Wastes for the period from January 2017 to December 2017 in Form IV as per the rule 10 of the Bio-medical Waste (Management Handling) Rules, 2016 & its amendments made thereafter, for your kind perusal.

Thanking you,

Yours very truly,

For Hindalco Industries Ltd, Belur Works

Ranjan Kumar Sur Chaudhury

Ranjan Kumar Sur Chaudhury
Works Manager - Belur Works

Encl. As above

HINDALCO INDUSTRIES LIMITED
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REGISTERED OFFICE
Ahura Centre, 1st Floor, B-Wing,
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Andheri (East), Mumbai - 400 093,
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Website www.hindalco.com
E mail hindalco@adityabirla.com
Corporate
Identity No. L27020MH1958PLC011238

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 (CBWTF)]

S. No.	Particulars	
1.	Particulars of the Occupier	
	(i) Name of the authorised person (occupier or operator of facility)	: Mr. Ranjan Kumar Sur Chaudhury
	(ii) Name of HCF or CBMWTF	: Hindalco Industries Limited
	(iii) Address for Correspondence	: 39, Grand Trunk Road, Belurmath, Howrah - Pin 711 202
	(iv) Address of Facility	: 39, Grand Trunk Road, Belurmath, Howrah - Pin 711 202
	(v) Tel. No, Fax. No	: Tel. No. 033-26100201/301/402 Fax No. 033-26549982
	(vi) E-mail ID	: ranjan.s@adityabirla.com
	(vii) URL of Website	: www.hindalco.com
	(viii) GPS coordinates of HCF or CBMWTF	: 22.6301 (°N) 88.35155 (°E)
	(ix) Ownership of HCF or CBMWTF	: Private
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	: Authorisation No.: D 009812 Memo No. A004/12-PCB/HOW/02 (100-2017 dated 28.12.2017 valid up to : One Time Authorisation
	(xi). Status of Consents under Water Act and Air Act	: Valid up to: 30/11/2022
2.	Type of Health Care Facility	
	(i) Bedded Hospital	: No. of Beds: NIL
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	: Dispensary
	(iii) License number and its date of expiry	: License number : 34110812 Date of Expiry 16.02.2021

R. Sur Chaudhury

RANJAN KUMAR SUR CHAUDHURY
FACTORY MANAGER
HINDALCO INDUSTRIES LTD.-BELUR

	Details of CBMWTF	
3.	(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: Solid Waste- 3.77 kg/month : Liquid Waste- 194 liter/month
		Red Category : 0.18 kg/month
		White : 0.43 kg/month
		Blue Category : 0.62 Kg/month General Solid waste : NIL
	Details of the Storage, treatment, transportation, processing and Disposal Facility	
5.	(i) Details of the on-site storage facility	Size : Not Applicable
		Capacity : Not Applicable
		Provision of on-site storage: Dispose off through CBMWTF within 48 hours
	(ii) disposal facilities	: Dispose off through CBMWTF
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	: Red Category (like plastic, glass etc.): Send to CBMWTF
	(iv) No of vehicles used for collection and transportation of biomedical waste	: Vehicles for Collection and transportation used by CBMWTF
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	: Not Applicable
(vi) Name of the Common Bio- Medical Waste Treatment Facility Operator through which wastes are disposed of	: M/s Medicare Environmental Management Pvt. Ltd. 41 F Road, Belgachia, Howrah - 711202	
(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 the meetings held during the reporting period.	: Yes Attached as Annexure-1

Ranjan Chaudhury
RANJAN KUMAR SUR CHAUDHURY
FACTORY MANAGER
HINDALCO INDUSTRIES LTD.-BELUR

	Details trainings conducted on BMW	
7	(i) Number of trainings conducted on BMW Management.	: 4 nos.
	(ii) number of personnel trained	: 4 nos.
	(iii) number of personnel trained at the time of induction	: No new employment during this period
	(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	
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?	: 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?	: Liquid waste generated 194 liter/month and Discharge into Municipal Drain after Chemical disinfection Met the standard every time (Report Attached as Annexure-2)
11.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	: Met the standard every time (Report Attached as Annexure-2)
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 01st January 2017 to 31st December 2017

Name and Signature of the Head of the Institution

Date: 09-MAY-18

Place: BELUR

Ranjan Kumar Sur Chaudhury
RANJAN KUMAR SUR CHAUDHURY
FACTORY MANAGER
HINDALCO INDUSTRIES LTD.-BELUR

Date: 26th April 2017**Subject: Minutes of Biomedical Waste Management Committee Meeting held on 25th April 2017****Members Present -**

Mr. Prem Kumar Singh
Dr. Rajib Banerjee
Mr. Suwendu Chakraborty
Mr. Anand P. Tiwari

S.N.	Particulars	Plan	Responsibility	Target Date	Progress Review & Status
1.	Biomedical Waste Authorization	An online application to be made of authorization after modification of online form at WBPCB website.	Mr. Suwendu Chakraborty	31 July'17	
2.	Training on BMW Management	Quarterly Training on biomedical training to be provided to concern employees.	Mr. Anand Tiwari	On going	
3.	Standard operating procedure (SOP) to be updated as per new regulation.	SOP to be updated & upload in IMS System as per BMW rules 2016	Mr. Suwendu Chakraborty & Mr. Anand Tiwari	30 th Apr'17	
4.	Renewal of CMOH approval	An application to be made for Renewal of CMOH approval	Dr. Rajib Banerjee	31 st Dec'17	
5.	Properly segregation of Biomedical waste	New container to be procured	Dr. Rajib Banerjee	30 th Apr'17	
6.	Renew the agreement with M/s Medicare for treatment of Biomedical	Follow up with M/s Medicare for renewal of agreement.	Mr. Anand Tiwari	31 st July 2017	



RANJAN KUMAR SUR CHAUDHURY
FACTORY MANAGER
HINDALCO INDUSTRIES LTD.-BELUR

Date: 22th October 2017

Subject: Minutes of Biomedical Waste Management Committee Meeting held on 20th October 2017

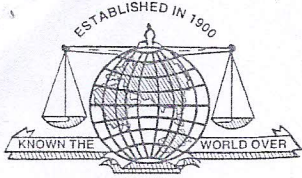
Members Present -

Mr. Prem Kumar Singh
Dr. Rajib Banerjee
Mr. Suvendu Chakraborty
Mr. Anand P. Tiwari

S.N.	Particulars	Plan	Responsibility	Target Date	Progress Review & Status
1.	Biomedical Waste Authorization	Hard copy of application to be submitted to Regional office of WBPCB	Mr. Suvendu Chakraborty	31 Oct'17	Online application made on 15.06.17 & accordingly application fee has been deposited.
2.	Training on BMW Management	Quarterly Training on biomedical training to be provided to concern employees.	Mr. Anand Tiwari	On going	Three nos. training have been imparted
3.	Standard operating procedure (SOP) to be updated as per new regulation.	SOP to be updated & upload in IMS System as per BMW rules 2016	Mr. Suvendu Chakraborty & Mr. Anand Tiwari	30 th Apr'17	Done
4.	Renewal of CMOH approval	An application to be made for Renewal of CMOH approval	Dr. Rajib Banerjee	31 st Dec'17	Under Process
5.	Segregation of Biomedical waste	New Container to be procured from Medicare & New bucket liquid waste (Yellow Category)	Dr. Rajib Banerjee	30 th Apr'17	Done
6.	Renew the agreement with M/s Medicare for treatment of Biomedical	Follow up with M/s Medicare for renewal of agreement.	Mr. Anand Tiwari	31 st July 2017	Done

Ranjan Kumar Sur Chaudhury

RANJAN KUMAR SUR CHAUDHURY
FACTORY MANAGER
HINDALCO INDUSTRIES LTD.-BELUR



R. V. BRIGGS & CO. PRIVATE LTD.

ANALYTICAL CONSULTING & TECHNICAL CHEMISTS

ESTABLISHED IN 1900

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E-mail : rvbriggs.kolkata@gmail.com, Website : www.rvbriggs.com

CIN : U51109WB1931PTC007007

TEST REPORT

SAMPLE HANDED OVER BY PARTY:

NO.E(S)/17-18/509A

Date: 31 October 2017

Page 1 of 1

Issued to : M/s. HINDALCO INDUSTRIES LIMITED,
39, G.T. Road, P.O. Belurmath, Howrah-711202, West Bengal

Description of Sample : Effluent

Mark on Sample : Liquid Waste Discharge from Dispensary

Sample Received on : 25.10.2017

Analysis completed on : 30.10.2017

TEST FINDINGS:

Sl. No.	Test Parameters	Test Method	Unit	Results	Limit As Per Biomedical Waste Management Rules, 2016
1.	pH Value	APHA 22nd edition - 4500 H+ B	...	7.8	6.5 - 9.0
2.	Total Suspended Solids	APHA 22nd edition 2540D	mg/l	50°	100 (Max.)
3.	Oil and Grease	APHA 22nd edition 5520B	mg/l	< 6	10 (Max.)
4.	Biochemical Oxygen Demand for 3 days at 27°C	IS: 3025 (Part -44)-1993	mg/l	27	30 (Max.)
5.	Chemical Oxygen Demand	APHA 22nd edition 5220B	mg/l	120	250 (Max.)
6.	Bioassay Test	IS: 6582 (Part -2)-2001	..	90% of fish survived after 96hrs. in 100% effluent	90% survival of fish after 96 hrs. in 100% effluent

Remarks: The sample of Effluent complies with Biomedical Waste Management Rules, 2016 in respect of above mentioned parameters

Note: Minimum Detection Limit of Oil & Grease .. 6 mg/l.

SD

Ranjan Kumar Sur Chaudhury

RANJAN KUMAR SUR CHAUDHURY
FACTORY MANAGER
HINDALCO INDUSTRIES LTD.-BELUR

J. Mukherjee
(J. MUKHERJEE)
Quality Manager
Authorized Signatory