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VL/OPCB/002/2022-130
June 15, 2022

The Member Secretary
State Pollution Control Board, Odisha
"Paribesh Bhawan"
A/118, Nilakantha Nagar
Unit-VIII
Bhubaneswar – 751 012

Sub.: **Submission of Biomedical Waste Annual Report for 2021 for First Aid Centre at Smelter-II of Vedanta Limited, Jharsuguda**

Dear Sir,

Please find attached the Biomedical Waste Annual Report for the year 2021 of the First Aid Centre at Smelter-II of Vedanta Limited, Jharsuguda, duly filled in Form-IV along with statement regarding spillage and collection of mercury (Annexure-III).

Thanking you.

Yours faithfully,
For Vedanta Limited

Ashok Kumar Mishra
Head-Env. Compliance & Strategy

Encl.: Duly filled and signed Form-IV

Copy to: The Regional Officer, State Pollution Control Board, Odisha, Jharsuguda



VEDANTA LIMITED, JHARSUGUDA

Vill : Bhurkamunda, P. O. : Kalimandir, Dist. : Jharsuguda (Odisha) : 768202
T +91-664 566 6000 F +91-664 566 6267 www.vedantalimited.com

REGISTERED OFFICE: Vedanta Limited, 1st Floor, 'C' wing, Unit 103, Corporate Avenue, Atul Projects. Chakala,
Andheri (East), Mumbai 400093, Maharashtra, India.
CIN: L13209MH1965PLC291394



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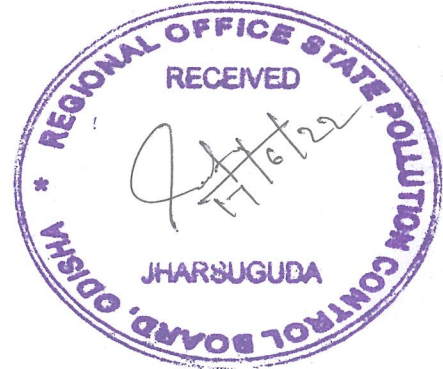
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Annexure-I

Category Wise Waste Generation

SI No.	Category	Type of Waste	Monthly average quantity	Annual quantity
1.	Yellow	Human Anatomical Waste	Nil	Nil
2.	Yellow	Animal Anatomical Waste	NA	NA
3.	Yellow	Soiled Waste	0.222 Kg	2.672 Kg
4.	Yellow	Expired or Discarded Medicines	0.369 Kg	4.436 Kg
5.	Yellow	Chemical Waste	0.000 L	0.000 L
6.	Yellow	Chemical Liquid Waste	0.172 L	2.063 L
7.	Yellow	Discarded linen, mattresses	Nil	Nil
8.	Yellow	Microbiology, Biotechnology and other clinical laboratory waste	NA	NA
9.	Red	Contaminated Waste (Recyclable)	0.274 Kg	3.290 Kg
10.	White (Translucent)	Waste sharps including Metals	0.081 Kg	0.970 Kg
11.	Blue	Glassware	0.081 Kg	0.973 Kg
12.	Blue	Metallic Body Implants	Nil	Nil

Annexure-II

Category wise quantity of waste treated and mode of treatment

SI No.	Category	Type of Waste	Treated Quantity/ Annum	Treatment & Disposal
1.	Yellow	Human Anatomical Waste	Nil	Incineration or deep burial
2.	Yellow	Animal Anatomical Waste	NA	NA
3.	Yellow	Soiled Waste	2.672 Kg	Autoclaving followed by disposal through CBWTF
4.	Yellow	Expired or Discarded Medicines	4.436 Kg	Disposal through CBWTF
5.	Yellow	Chemical Waste	0.000 L	Disinfection or disposed in SLF
6.	Yellow	Chemical Liquid Waste	2.063 L	Neutralization by lime followed by discharge into drains connected to STP
7.	Yellow	Discarded linen, mattresses	Nil	Chemical disinfection followed by incineration
8.	Yellow	Microbiology, Biotechnology and other clinical laboratory waste	NA	NA
9.	Red	Contaminated Waste (Recyclable)	3.290 Kg	Autoclaving followed by disposal through CBWTF
10.	White (Translucent)	Waste sharps including Metals	0.970 Kg	Autoclaving/ treatment with 1% Sodium Hypochlorite followed by deep burial (Needles destroyed in needle destroyer) and disposed through CBWTF
11.	Blue	Glassware	0.973 Kg	Disinfection and cleaning with detergent and sodium hypochlorite and disposed through CBWTF
12.	Blue	Metallic Body Implants	Nil	-

Statement regarding Mercury

January 2021- December 2021

Spillage – Nil

Collection – Not applicable

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)]


SI No.	Particulars		
1.	Particulars of the occupier	:	Vedanta Limited, Jharsuguda Smelter-II
	(i)Name of the authorized person (occupier or operator of facility)	:	Ashok Kumar Mishra Head-Env. Compliance & Strategy
	(ii)Name of HCF or CBMWTF	:	First Aid Centre, (Smelter-II) Vedanta Limited, Jharsuguda
	(iii)Address for correspondence	:	Vedanta Limited At: Bhurkamunda, P.O.: Sripura, District: Jharsuguda, Odisha-768202
	(iv)Address of facility	:	Vedanta Limited At: Bhurkamunda, P.O.: Sripura, District: Jharsuguda, Odisha-768202
	(v)Tel. No, Fax. No.	:	Tel. No:-06645-666000 Fax. No:-06645-666267
	(vi)E-mail ID	:	ashokkumar.mishra@vedanta.co.in
	(vii)URL of website	:	-
	(viii)GPS coordinates of HCF or CBMWTF	:	-
	(ix)Ownership of HCF or CBMWTF	:	-
	(x)Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Authorization No.: 574/IND-IV-BW-03, date 31.03.2021
	(xi)Status of Consents under Water Act and Air Act	:	
2.	Type of Health Care Facility	:	
	(i)Bedded Hospital	:	
	(ii)Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	-
	(iii)License number and its date of expiry	:	
3.	Details of CBMWTF	:	NA
	(i)Number healthcare facilities covered by	:	

	CBMWTF		
	(ii)No of beds covered by CBMWTF	:	
	(iii)Installed treatment and disposal capacity of CBMWTF	:	Kg per day
	(iv)Quantity of biomedical waste treated or disposed by CBMWTF	:	Kg/day
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Annexure-I
5.	Details of the Storage, Treatment, Transportation, Processing and Disposal Facility		
	(i)Details of the on-site storage facility	:	Size: NA Capacity: NA Provision of on-site storage: NA
	(ii)Disposal facilities	:	Annexure-II
	(iii)Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum	:	NA
	(iv)No of vehicles used for collection and transportation of biomedical waste	:	NA
	(v)Details of incineration ash and ETP sludge generated and disposed during the treatment of waste in Kg per annum	:	NA
	(vi)Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	NA
	(vi)List of member HCF not handed over bio-medical waste	:	NA
6.	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	:	NA
7.	Details trainings conducted on BMW		
	(i)Number of trainings conducted on BMW Management	:	2
	(ii)Number of personnel trained	:	8
	(iii)Number of personnel trained at the time of induction	:	
	(iv)Number of personnel not undergone any training so far	:	NA
	(v)Whether standard manual for training is available?	:	YES
	(vi)Any other information	:	-
8.	Details of the accident occurred during the year		
	(i)Number of Accidents occurred	:	NA
	(ii)Number of the persons affected	:	NA
	(iii)Remedial Action taken (Please attach details if any)	:	NA

	(iv)Any Fatality occurred, details	:	NA
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	:	NA
	Details of Continuous online emission monitoring systems installed	:	NA
10.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	STP in place and meeting standards
11.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	:	NA
12.	Any other relevant information	:	-

Certified that the above report is from the period from 01.01.2021 to 31.12.2021

Date: **June 15, 2022**
Place: **Jharsuguda**


Signature: **Ashok Kumar Mishra**
Designation: **Head-Env.Compliance & Strategy**