

May 31, 2022

To,
Member Secretary,
Goa State Pollution Control Board,
Nr. Pilerne Industrial Estate,
Opp. Saligao Seminary,
Saligao-Bardez
Goa - 403511

Dear Madam,

Subject: Annual Report in Form IV with respect to Bio-Medical Waste Management Rules, 2016

Please find enclosed herewith the Annual Report for the period 1st January 2021 to 31st December 2021 in Form IV regarding details of Bio-Medical Waste under Bio-Medical Waste Management Rules, 2016. This is also in accordance with the conditions of our Bio-Medical Waste Authorization No.19/2018-PCB/63075/BMW000116 dated 26/02/2020 issued to us by your office.

Thanking you,

Yours faithfully,
For **Zuari Agro Chemicals Ltd.**

A handwritten signature in black ink, appearing to read 'N. G. Dessai', written over a circular stamp.

N. G. Dessai
Chief Manufacturing Officer

Encl.: as above

ZUARI AGRO CHEMICALS LIMITED

CIN No.: L65910GA2009PLC006177

Registered Office: Jaikisaan Bhawan, Zuarinagar, Goa - 403 726, India.

Tel: +0832 2592180, 2592181, 6752399

www.zuari.in

**From –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)]

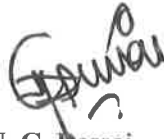
Sl.No	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorized person (occupier or operator of facility)	:	Mr. N. G. Dessai, Chief Manufacturing Officer.
	(ii) Name of HCF or CBMWTF	:	HEALTH CENTRE, Zuari Agro Chemicals Ltd.
	(iii) Address for Correspondence	:	Zuari Agro Chemicals Limited Jai Kisaan Bhawan, Zuarinagar, South Goa, Goa -403726
	(iv) Address of Facility	:	Health centre, Zuari Agro Chemicals Ltd, Zuarinagar, Goa-403726
	(v) Tel. No. Fax. No.	:	(0832) 2592180, 2592430 Fax No. :(0832) 25554626
	(vi) E-mail ID	:	ng.desai@adventz.com
	(vii) URL of Website	:	www.zuari.in
	(viii) GPS coordinates of HCF of CBMWTF	:	15°22'33.6" N, 73°52'15.6" E
	(ix) Ownership of HCF of CBMWTF	:	(State Government of Private or Semi Govt. or any other) Public Limited Company.
	(x) Status of Authorization under the Bio-Medical Waste (Management and Handing) Rules.	:	Authorization No.19/2018-PCB/63075/BMW000116 Dt 26.02.2020 Valid up to 25.02.2030
	(xi) Status of Consents under Water Act and Air Act.	:	CTO No. 12/2018-PCB/58613/R000121 dated 18.09.2019 Valid up to: 31.12.2023
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)	:	CLINIC
	(iii) License number and its date of expiry.	:	-
3.	Details if 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	:	<u>Not Applicable</u> Kg per day
	(iv) Quantity of biomedical waste treated or disposal by CBMWTF	:	<u>Not Applicable</u> Kg/day
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow category: 5.350 KG/annum Red Category: 3.950 KG/annum White: 0.15 KG/annum Blue Category: 0.900 KG/annum General Solid waste: Nil
5.	Details of the Storage , treatment, transportation, processing and Disposal Facility	:	
	(i) Details of the on-site storage facility	:	Size : Not Applicable Capacity: Not Applicable Provision of on-site storage : (cold storage or any other provision) NIL

	(ii) Disposal Facilities	:	<table border="1"> <thead> <tr> <th>Type of treatment Equipment</th> <th>No of Units</th> <th>Capacity Kg/day</th> <th>Quantity treated or disposed In Kg per Annum</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td>---</td> <td>---</td> <td></td> </tr> <tr> <td>Plasma Paralysis</td> <td>---</td> <td>---</td> <td></td> </tr> <tr> <td>Autoclaves</td> <td>01</td> <td>---</td> <td>5.350 kg (treated)</td> </tr> <tr> <td>Microwave</td> <td>---</td> <td></td> <td></td> </tr> <tr> <td>Hydroclave</td> <td>---</td> <td></td> <td></td> </tr> <tr> <td>Shredder</td> <td>---</td> <td>---</td> <td></td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td>01</td> <td>---</td> <td>0.15 kg (treated)</td> </tr> <tr> <td>Sharps encapsulation or concrete pit</td> <td>---</td> <td>---</td> <td></td> </tr> <tr> <td>Deep Burial pits:</td> <td>---</td> <td>---</td> <td></td> </tr> <tr> <td>Chemical disinfection:</td> <td>01</td> <td>---</td> <td>3.950 kg(treated)</td> </tr> <tr> <td>Any other treatment equipment:</td> <td>---</td> <td>---</td> <td></td> </tr> </tbody> </table>	Type of treatment Equipment	No of Units	Capacity Kg/day	Quantity treated or disposed In Kg per Annum	Incinerators	---	---		Plasma Paralysis	---	---		Autoclaves	01	---	5.350 kg (treated)	Microwave	---			Hydroclave	---			Shredder	---	---		Needle tip cutter or destroyer	01	---	0.15 kg (treated)	Sharps encapsulation or concrete pit	---	---		Deep Burial pits:	---	---		Chemical disinfection:	01	---	3.950 kg(treated)	Any other treatment equipment:	---	---	
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	(iii) Quantity of recyclable wastes sold to authorize recyclers after treatment in kg per annum.	:	Red Category (like plastic, glass etc.) 3.950Kg																																																
	(iv) No of vehicles used for collection and transportation of biomedical waste.	:	01																																																
	(v) Details of incineration ash and ETP sludge generated and disposal during the treatment of wastes in Kg per annum)		<table border="1"> <thead> <tr> <th></th> <th>Quantity Generated</th> <th>Where disposed</th> </tr> </thead> <tbody> <tr> <td>Incineration Ash</td> <td>Not Applicable</td> <td>Not Applicable</td> </tr> <tr> <td>ETP Sludge</td> <td>Not Applicable</td> <td>Not Applicable</td> </tr> </tbody> </table>		Quantity Generated	Where disposed	Incineration Ash	Not Applicable	Not Applicable	ETP Sludge	Not Applicable	Not Applicable																																							
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	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	Biotic Waste Solutions Pvt Ltd, Goa. (Earlier Goa Health Monitoring Services (GHMS)).																																																
	(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.	:	NO																																																
7.	Detail trainings conducted on BMW																																																		
	(i) Number of training conducted on BMW Management.	:	01																																																
	(ii) Number of personnel trained	:	04																																																
	(iii) Number of personnel trained at the time of induction	:	NIL																																																
	(iv) Number of personnel not undergone any training so far.	:	NIL																																																
	(v) Whether standard manual for training is available?	:	No																																																

	(vi) Any other information	:	NIL
8.	Details of the accident occurred during the year		
	(i) Number of Accidents occurred	:	NIL
	(ii) Number of the persons affected	:	NIL
	(iii) Remedial Action taken (Please attach details if any)	:	Not Applicable
	(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.	:	Not Applicable
11.	Is the disinfection method or sterilization 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 Device attached with the incinerator.) Not Applicable

Certified that the above report is for the period from: 1st January 2021 to 31st December 2021,

Date: 31.05.2022
Place: Zuarinagar, Goa


N. G. Dessai
Chief Manufacturing Officer.