



Biological E. Limited

Date: 23/06/25

To,
The Member Secretary,
Telangana State Pollution Control Board,
Paryavaran Bhavan, A-3 Industrial Estate,
Sanath Nagar, Hyderabad -18.

Respected Sir/Madam,


Sub: Submission of Form – IV Annual return for disposal of Biomedical Waste as per Bio Medical Waste Management Rules, 2016 – Reg.

With reference to the above subject, we are here with enclosed Form – IV, returns for disposal of biomedical waste for the period of 01.01.2024 to 31.12.2024 for M/s. Biological E Ltd, Plot No. 1, Phase - II, Genome Valley, Kolthur (Village), Muduchintalapalli (Mandal), Medchal District, Telangana- 500078.

Hence you are requested to receive the same and acknowledge the receipt.

Thanking You.

Yours Faithfully,
for Biological E Ltd.


Anil Chiti,
Vice President,
Safety, Health & Environment.

Acknowledgement Copy



Plot No.1, Biotech Park, Phase-II, Kolthur Village, Shameerpet, Medchal-Malkajgiri District-500078
Telangana, India, Tel : +91 40 67388000, Fax: +91 40 30128159, E-mail: info@biologicale.com, www.biologicale.com
CIN: U01120TG1953PLC001095

Celebrating Life Every Day

Form IV
(See Rule13)
ANNUAL REPORT

S.No	Particulars	
1.	Particulars of the Occupier	:
	(i) Name of the authorised person (occupier or operator of facility)	: R Anand Kumar
	(ii) Name of HCF or CBMWTF	: Biological E Limited
	(iii) Address for Correspondence	: Plot No.1, Phase – II, Genome Valley, Kolthur Village, Muduchintalapalli Mandal, Medchal District, Telangana – 500078.
	(iv) Address of Facility	: Plot No.1, Phase – II, Genome Valley, Kolthur Village, Muduchintalapalli Mandal, Medchal District, Telangana – 500078.
	(v) Tel. No, Fax. No	: Mobile +91 7674823396
	(vi) E-mail ID	: jogi.reddy@biologicale.com
	(vii) URL of Website	: www.biologicale.com
	(viii) GPS coordinates of HCF or CBMWTF	: NA
	(ix) Ownership of HCF or CBMWTF	: Private Company - HCF
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	: TSPCB/BMWA/MDCL - 3484496/HO/2022 - 32 Validity : 31.12.26
	(xi). Status of Consents under Water Act and Air Act	: 350-RR-II/TSPCB/ZOH/CFO/TS - iPASS/2022 - 891 Validity : 31.12.31
2	Type of Health Care Facility	:
	(i) Bedded Hospital	: NA
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other	: Vaccine Manufacturing Plant
	(iii) License number and its date of expiry	: TSPCB/BMWA/MDCL - 3484496/HO/2022 - 32 Validity : 31.12.26

3.	Details of CBMWTF	:	NA				
	(i) Number healthcare facilities covered by CBMWTF	:	NA				
	(ii) No of beds covered by CBMWTF	:	NA				
	(iii) Installed treatment and disposal capacity of CBMWTF	:	NA				
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	NA				
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)		Month	Category			
				Yellow (Kg's)	Red (Kg's)	White (Kg's)	Blue (Kg's)
			Jan'24	34219.55	490	12	98
			Feb'24	20056	515	14	80
			Mar'24	32259	360	11	50
			Apr'24	27105.2	431	14.8	89
			May'24	28057	525	17	101
			Jun'24	25691	630	15	94
			July'24	27891.5	589	14.5	105
			Aug'24	26231	593	18	98
			Sep'24	22602.5	604	15.5	88
			Oct'24	24486	611	16	97
			Nov'24	26351	630	17	102
			Dec'24	27559	645	18	98
			5.	Details of the Storage, treatment, transportation, processing and Disposal Facility			
(i) Details of the on-site storage facility	:	Size: Dedicated Room with 12' x 15'					
	:	Capacity : NA					
	:	Provision of on-site storage: Dead animals are stored in Deep Freezer at 2-8° c. All the waste that is generated manufacturing, testing of Vaccines operations only. Bio waste is autoclaved before disposal to CBMWTF..					
Disposal facilities	:	Type of Treatment Equipment		No. of units	Capacity Kg/day	Quantity treated or disposed in kg per annum	
		Incinerators	NA	NA	NA		
		Plasma Pyrolysis					
		Autoclaves					
		Microwave					
		Hydroclave					


		Shredder			
		Needle tip cutter or destroyer -			
		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	:	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 wastes in Kg per annum	:	NA		
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	M/s. G. J. Multiclave Pvt. Limited		
	(vii) 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	:	Yes. Minutes of Meetings attached as Annexure - I		
7	Details trainings conducted on BMW	:			
	(i) Number of trainings conducted on BMW Management.	:	4		
	(ii) number of personnel trained	:	300		
	(iii) number of personnel trained at the time of induction	:	All new joiners will undergo the Safety, Health & Environment Induction training including Bio Medical Waste Handling & Disposal.		
	(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		

8	Details of the accident occurred during the year	:	Nil
	(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?	:	NA
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	Liquid waste generated out of biotech process activities is sterilized in Kill tanks before taking in to ETP. Met the standards each and every time of steam sterilization. Type of disinfection is Steam sterilization (At 121 ⁰ C for 30 minutes).
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	:	(Air Pollution Control Devices attached with the Incinerator) -Nil

Certified that the above report is for the period from January 2024 to December 2024.

Date: 20.06.25

Place: Shameerpet


Name and Signature of the Head of the Institution



Biological E. Limited
Celebrating Life Every Day

Bio-Safety Committee Meeting

Held on: 05.12.24, From 15:30 To 16:30 hrs.
Venue : Production Conference Hall

Sl. No	Description	Details
1	Meeting Discussion	Yes
2	Meeting Action Items	04
3	Meeting Attendance	33

Minutes of Meeting:

S. No	Points	Responsibility	Target	Status
1	Committee members shall meet for every six months.	SHE	30.01.25	Closed
2	Vaccination for all bio waste handlers need to be checked for every Quarterly.	OHC/All Dept. User	31.01.25	Closed
3	Biomedical waste segregation signage need to be displayed	SHE	20.02.25	Closed
4	Biomedical waste segregation need to be done.	User/ SHE	30.04.25	Closed



Biological E. Limited

Date: 23/06/25

To,
The Member Secretary,
Telangana State Pollution Control Board,
Paryavaran Bhavan, A-3 Industrial Estate,
Sanath Nagar, Hyderabad -18.

Respected Sir/Madam,


Sub: Submission of Form – IV Annual return for disposal of Biomedical Waste as per Bio Medical Waste Management Rules, 2016 – Reg.

With reference to the above subject, we are here with enclosed Form – IV, returns for disposal of biomedical waste for the period of 01.01.2024 to 31.12.2024 for M/s. Biological E Limited (SEZ-unit), M/S.Vaxenic INDIA Private Limited (SEZ-Developer) SEZ for Biotechnology and Biopharmaceuticals, Sy. No:549, 550, 552,553,554,555, 556, Kolthur Village, Muduchintalapally Mandal, Medchal – Malkajgiri District, Telangana – 500078.

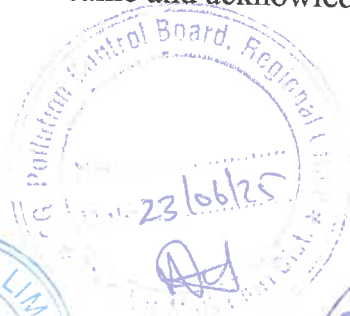
Hence you are requested to receive the same and acknowledge the receipt.

Thanking You.

Yours Faithfully,
for Biological E Ltd.


Anil Chiti,
Vice President,
Safety, Health & Environment.

Acknowledgement Copy



Form IV
(See Rule13)
ANNUAL REPORT

S.No	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or operator of facility)	:	R Anand Kumar
	(ii) Name of HCF or CBMWTF	:	Biological E Limited
	(iii) Address for Correspondence	:	M/S. Biological E Limited (SEZ-unit), M/S.Vaxenic INDIA Private Limited (SEZ-Developer) SEZ for Biotechnology and Biopharmaceuticals, Sy. No:549, 550, 552,553,554,555, 556, Kolthur Village, Muduchintalapally Mandal,Medchal – Malkajgiri District, Telangana, INDIA - 500 078.
	(iv) Address of Facility	:	M/S. Biological E Limited (SEZ-unit), M/S.Vaxenic INDIA Private Limited (SEZ-Developer) SEZ for Biotechnology and Biopharmaceuticals, Sy. No:549, 550, 552,553,554,555, 556, Kolthur Village, Muduchintalapally Mandal,Medchal – Malkajgiri District, Telangana, INDIA - 500 078.
	(v)Tel. No, Fax. No	:	Mobile +91 7674823396
	(vi) E-mail ID	:	jogi.reddy@biologicale.com
	(vii) URL of Website	:	www.biologicale.com
	(viii) GPS coordinates of HCF or CBMWTF	:	-
	(ix) Ownership of HCF or CBMWTF	:	Private Company - HCF
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Order No: 1263/RR-II/TGPCB/ZOH/BMWA/2024 -487 Validity: 31.12.2033
	(xi). Status of Consents under Water Act and Air Act	:	Order No: 1263-RR-II/TSPCB/ZOH/CFO/TS - iPASS/2023-551 Validity: 31.12.2033
2	Type of Health Care Facility	:	

	(i) Bedded Hospital		Nil				
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other		Vaccine Filling and Packing Plant				
	(iii) License number and its date of expiry		Order No: 1263/RR-II/TGPCB/ZOH/BMWA/2024 -487 Validity: 31.12.2033				
3.	Details of CBMWTF		NA				
	(i) Number healthcare facilities covered by CBMWTF		NA				
	(ii) No of beds covered by CBMWTF		NA				
	(iii) Installed treatment and disposal capacity of CBMWTF		NA				
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF		NA				
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)		Month	Category			
				Yellow (Kg's)	Red (Kg's)	White Kg's)	Blue Kg's)
			Jan'24	1130	20	0	10
			Feb'24	1239.5	12	0.5	8
			Mar'24	1616	16	0	8
			Apr'24	1173	17.5	0.5	9
			May'24	1312	17	0	11
			Jun'24	1640	19.5	0.5	10
			July'24	2077	26	2	15
			Aug'24	1176.3	14.5	0.2	9
			Sep'24	650	10	0	0
			Oct'24	1191.7	12	0.3	6
			Nov'24	876.5	13	0.5	10
			Dec'24	1300	17	1	22
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility						
	(i) Details of the on-site storage facility	:	Size: Dedicated Room with 12' x 15'				
			Capacity : NA				
			Provision of on-site storage: All the waste that is generated manufacturing, testing of Vaccines operations only. Bio waste is autoclaved before disposal to CBMWTF.				

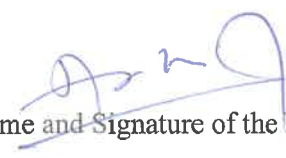
Disposal facilities	Type of Treatment Equipment	No. of units	Capacity Kg/day	Quantity treated or disposed in kg per annum
	Incinerators	NA		
	Plasma Pyrolysis			
	Autoclaves			
	Microwave			
	Hydroclave			
	Shredder			
	Needle tip cutter or destroyer -			
	Sharps			
	encapsulation or concrete pit -			
	Deep burial pits:			
	Chemical disinfection: -			
	Any other treatment equipment:			
(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum	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 wastes in Kg per annum	NA			
(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	M/s. Maridi Pvt. Limited			
(vii) 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	Yes. Minutes of Meetings attached as Annexure - I		
7	Details trainings conducted on BMW			
	(i) Number of trainings conducted on BMW Management.	2		

	(ii) number of personnel trained	200
	(iii) number of personnel trained at the time of induction	All new joiners will undergo the Safety, Health & Environment Induction training including Bio Medical Waste
	(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
8	Details of the accident occurred during the year	Nil
	(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?	NA
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	Liquid waste generated out of biotech process activities is sterilized in Kill tanks before taking in to ETP. Met the standards each and every time of steam sterilization. Type of disinfection is Steam sterilization (At 121 ⁰ C for 30 minutes).
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	(Air Pollution Control Devices attached with the Incinerator) - Nil

Certified that the above report is for the period from January 2024 to December 2024

Date: 20.06.25

Place: Shameerpet.


Name and Signature of the Head of the Institution



Biological E. Limited
Celebrating Life Every Day

Biomedical Waste Committee Meeting

Held on: 11.12.24 at 15.30 to 16.30 Hrs.

Venue : Engineering Conference Hall - SEZ

Sl. No	Description	Details
1	Meeting Discussion	Yes
2	Meeting Action Items	04
3	Meeting Attendance	12

Minutes of Meeting:

S. No	Points	Action	Target	Responsibility	Status
1.	Vaccination for all bio waste handlers need to be checked Quarterly once.	Vaccination need to be verified for waste handlers every quarterly once	31.01.25	OHC/All Dept. User	Closed
2.	Biomedical waste segregation signage need to be displayed.	Waste segregated signage need to be displayed	20.02.25	SHE	Closed
3.	Biomedical waste segregation assessment for QC.	Need to conduct assessment for segregation of biomedical waste	30.04.25	User/ SHE	Closed
4.	Handling of biomedical waste training for QC Department.	Need to conduct training	30.01.25	SHE	Closed



Biological E. Limited

Date: 23/06/25

To,
The Member Secretary,
Telangana State Pollution Control Board,
Paryavaran Bhavan, A-3 Industrial Estate,
Sanath Nagar, Hyderabad -18.

Respected Sir/Madam,

Sub: Submission of Form – IV Annual return for disposal of Biomedical Waste as per Bio Medical Waste Management Rules, 2016 – Reg.

With reference to the above subject, we are here with enclosed Form – IV, returns for disposal of biomedical waste for the period of 01.01.2024 to 31.12.2024 for M/s. Biological E Limited, 7-4-114, Sy. No. 253-257 & 259, Gaganpahad (V), Rajendranagar (M), Rangareddy (D), Telangana State - 500052.

Hence you are requested to receive the same and acknowledge the receipt.

Thanking You.

Yours Faithfully,
for Biological E Ltd.

Anil Chiti,
Vice President,
Safety, Health & Environment

Acknowledgement Copy



Plot No.1, Biotech Park, Phase-II, Kolthur Village, Shameerpet, Medchal-Malkajgiri District-500078
Telangana, India, Tel : +91 40 67388000, Fax: +91 40 30128159, E-mail: info@biologicale.com, www.biologicale.com
CIN: U01120TG1953PLC001095

Celebrating Life Every Day

Form IV
(See Rule13)
ANNUAL REPORT

Sl. No	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or operator of facility)	:	R Anand Kumar
	(ii) Name of HCF or CBMWTF	:	Biological E Limited
	(iii) Address for Correspondence	:	House No.: 7-4-114, Survey No. 252 – 257 & 259, Gaganpahad (Village), Rajenderanagar (Mandal), RR District.
	(iv) Address of Facility	:	House No. : 7-4-114, Survey No. 252 – 257 & 259, Gaganpahad (Village), Rajenderanagar (Mandal), RR District.
	(v) Tel. No, Fax. No	:	Mobile +91 7674823396
	(vi) E-mail ID	:	jogi.reddy@biologicale.com
	(vii) URL of Website	:	www.biologicale.com
	(viii) GPS coordinates of HCF or CBMWTF	:	-
	(ix) Ownership of HCF or CBMWTF	:	Private Company - HCF
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Order No: 575/PCB/RO/RRD/BMWM/AUTH/ 2023 – 2095 Validity: 31.03.2033
	(xi). Status of Consents under Water Act and Air Act	:	Order No: 45-RR-1/TSPCB/ZOH/ TS-iPASS/CFO/ 2023 – 99 Validity: 31.03.2033
2	Type of Health Care Facility	:	
	(i) Bedded Hospital		Nil
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other		Vaccine Manufacturing Plant

	(iii) License number and its date of expiry		Order No: 575/PCB/RO/RRD/BMWM/AUTH/ 2023 – 2095				
			Validity: 31.03.2033				
3.	Details of CBMWTF		--				
	(i) Number healthcare facilities covered by CBMWTF		--				
	(ii) No of beds covered by CBMWTF		--				
	(iii) Installed treatment and disposal capacity of CBMWTF		--				
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF		--				
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)		Month	Category			
				Yellow (Kg's)	Red (Kg's)	White (Kg's)	Blue (Kg's)
			Jan'24	3520	74	4	24
			Feb'24	2686	26.3	4.3	22
			Mar'24	1643	80	2	20
			Apr'24	2433.6	39.8	4.6	14
			May'24	2107.8	84.8	3.4	18
			Jun'24	2656	26	5	15
			July'24	2703.8	27.5	6.1	20.6
			Aug'24	1317	43	5	18
			Sep'24	1447.5	24	3.5	22
			Oct'24	1916.1	20	3	17
			Nov'24	2176.5	28	3.5	22
			Dec'24	3076	25	6	20
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility						
	(i) Details of the on-site storage facility	:	Size: Dedicated Room with 10' x 14'				
			Capacity : NA				
			Provision of on-site storage: Dead animals are stored in Deep Freezer at 2-8° c. All the waste that is generated manufacturing, testing of Vaccines operations only. Bio waste is autoclaved before disposal to CBMWTF.				
	Disposal facilities		Type of Treatment Equipment	No. of units	Capacity Kg/day	Quantity treated or disposed in kg per annum	

		Incinerators Plasma Pyrolysis Autoclaves Microwave Hydroclave Shredder Needle tip cutter or destroyer - Sharps encapsulation or concrete pit - Deep burial pits: Chemical disinfection: - Any other treatment equipment:	NA		
	(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 wastes in Kg per annum	NA			
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	M/s. G. J. Multiclave Pvt. Limited			
	(vii) 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	Yes. Minutes of Meetings attached as Annexure - I			
7	Details trainings conducted on BMW				
	(i) Number of trainings conducted on BMW Management.	2			
	(ii) number of personnel trained	100			
	(iii) number of personnel trained at the time of induction	All new joiners will undergo the Safety, Health & Environment Induction training including Bio Medical Waste			

	(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
8	Details of the accident occurred during the year	Nil
	(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?	NA
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	<p>Liquid waste generated out of biotech process activities is sterilized in Kill tanks before taking in to ETP. Met the standards each and every time of steam sterilization.</p> <p>Type of disinfection is Steam sterilization (At 121°C for 30 minutes).</p>
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	(Air Pollution Control Devices attached with the Incinerator) -Nil

Certified that the above report is for the period from January 2024 to December 2024

Date: 20.06.25

Place: Gaganpahad


Name and Signature of the Head of the Institution



Biological E. Limited
Celebrating Life Every Day

Biomedical Waste Committee Meeting

Held on: 24.01.25 at 10.30 to 11.15 Hrs.

Venue : Manthan Conference Hall

Sl. No	Description	Details
1	Meeting Discussion	Yes
2	Meeting Action Items	03
3	Meeting Attendance	26

Minutes of Meeting:

S. No	Points	Action	Target	Responsibility	Status
1.	Biohazard symbol required.	Bio hazard symbols need to be displayed at generation and other required area	31.01.25	Biswajit / SHE	Closed
2.	Broken bio-waste bin at TT block	Need to replace the broken bin	20.02.25	SHE	Closed
3.	Proper segregation of biomedical waste and general waste need to be ensured.	Need to conduct assessment for segregation of biomedical waste	31.03.25	All User Department	Closed



Biological E. Limited

Date: 23/06/25

To,
The Member Secretary,
Telangana State Pollution Control Board,
Paryavaran Bhavan, A-3 Industrial Estate,
Sanath Nagar, Hyderabad -18.

Respected Sir/Madam,

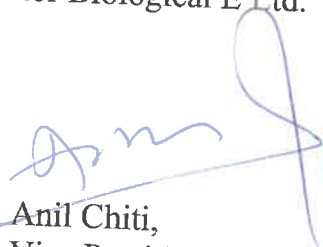
Sub: Submission of Form – IV Annual return for disposal of Biomedical Waste as per Bio Medical Waste Management Rules, 2016 – Reg.

With reference to the above subject, we are here with enclosed Form – IV, returns for disposal of biomedical waste for the period of 01.01.2024 to 31.12.2024 for M/s. Biological E Ltd, 18 /1 & 3, IA, Azamabad, Hyderabad, 500020.

Hence you are requested to receive the same and acknowledge the receipt.

Thanking You.

Yours Faithfully,
for Biological E Ltd.


Anil Chiti,
Vice President,
Safety, Health & Environment.

Acknowledgement Copy



Plot No. 1, Biotech Park, Phase-II, Kolthur Village, Shameerpet, Medchal-Malkajgiri District-500078
Telangana, India, Tel: +91 40 67388000, Fax: +91 40 30128159, E-mail: info@biologicale.com, www.biologicale.com
CIN: U01120TG1953PLC001095

Celebrating Life Every Day

Form IV
(See Rule13)
ANNUAL REPORT

Sl. No	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or operator of facility)	:	R Anand Kumar
	(ii) Name of HCF or CBMWTF	:	Biological E Limited
	(iii) Address for Correspondence	:	Biological E Ltd, 18 /1 & 3, IA, Azamabad, Hyderabad, 500020.
	(iv) Address of Facility	:	Biological E Ltd, 18 /1 & 3, IA, Azamabad, Hyderabad, 500020.
	(v) Tel. No, Fax. No	:	
	(vi) E-mail ID	:	Mobile +91 7674823396 jogi.reddy@biologicale.com
	(vii) URL of Website	:	www.biologicale.com
	(viii) GPS coordinates of HCF or CBMWTF	:	NA
	(ix) Ownership of HCF or CBMWTF	:	Private Company - HCF
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Order No: 22/TGPCB/ROH/HYD/BMWA/2024-759 Validity: 30.06.2034
	(xi). Status of Consents under Water Act and Air Act	:	Order No: 27- HYD/TSPCB /ZOH/TS-iPASS/CFO/2022-82 Validity: 31.03.2032
2	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	Nil
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other	:	Vaccine Filling and Packing Plant
	(iii) License number and its date of expiry	:	Order No: 22/TGPCB/ROH/HYD/BMWA/2024-759 Validity: 30.06.2034

3.	Details of CBMWTF		NA																																																																										
	(i) Number healthcare facilities covered by CBMWTF		NA																																																																										
	(ii) No of beds covered by CBMWTF		NA																																																																										
	(iii) Installed treatment and disposal capacity of CBMWTF		NA																																																																										
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF		NA																																																																										
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)		<table><tr><td>Month</td><td colspan="4">Category</td></tr><tr><td></td><td>Red (Kg's)</td><td>Yellow (Kg's)</td><td>White (Kg's)</td><td>Blue (Kg's)</td></tr><tr><td>Jan'24</td><td>289.5</td><td>73</td><td>0.5</td><td>21</td></tr><tr><td>Feb'24</td><td>235</td><td>65</td><td>0</td><td>24</td></tr><tr><td>Mar'24</td><td>249.7</td><td>71</td><td>0.3</td><td>19</td></tr><tr><td>Apr'24</td><td>229</td><td>79</td><td>0</td><td>28</td></tr><tr><td>May'24</td><td>309</td><td>82</td><td>1</td><td>28</td></tr><tr><td>Jun'24</td><td>310</td><td>87</td><td>0</td><td>29</td></tr><tr><td>July'24</td><td>322</td><td>85</td><td>0</td><td>31</td></tr><tr><td>Aug'24</td><td>330.2</td><td>84</td><td>0.8</td><td>35</td></tr><tr><td>Sep'24</td><td>305</td><td>82</td><td>0</td><td>27</td></tr><tr><td>Oct'24</td><td>326</td><td>87</td><td>2</td><td>35</td></tr><tr><td>Nov'24</td><td>325</td><td>88</td><td>2</td><td>50</td></tr><tr><td>Dec'24</td><td>91</td><td>53</td><td>2</td><td>14</td></tr></table>					Month	Category					Red (Kg's)	Yellow (Kg's)	White (Kg's)	Blue (Kg's)	Jan'24	289.5	73	0.5	21	Feb'24	235	65	0	24	Mar'24	249.7	71	0.3	19	Apr'24	229	79	0	28	May'24	309	82	1	28	Jun'24	310	87	0	29	July'24	322	85	0	31	Aug'24	330.2	84	0.8	35	Sep'24	305	82	0	27	Oct'24	326	87	2	35	Nov'24	325	88	2	50	Dec'24	91	53	2	14
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5.	Details of the Storage, treatment, transportation, processing and Disposal Facility																																																																												
	(i) Details of the on-site storage facility		Size: Dedicated Room with 12' x 15'																																																																										
			Capacity : NA																																																																										
			Provision of on-site storage: All the waste that is generated from manufacturing, testing of Vaccines operations only. Bio waste is autoclaved before disposal to CBMWTF..																																																																										
	Disposal facilities		Type of Treatment Equipment	No.of units	Capacity Kg/day	Quantity treated or disposed in kg per annum																																																																							
Incinerators			NA																																																																										
Plasma Pyrolysis																																																																													
Autoclaves																																																																													
Microwave																																																																													
Hydroclave																																																																													

		Shredder			
		Needle tip cutter or destroyer -			
		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	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 wastes in Kg per annum	NA			
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	M/s. G. J. Multiclave Pvt. Limited			
	(vii) 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	Yes. Minutes of Meetings attached as Annexure - I			
7	Details trainings conducted on BMW				
	(i) Number of trainings conducted on BMW Management.	2			
	(ii) number of personnel trained	70			
	(iii) number of personnel trained at the time of induction	All new joiners will undergo the Safety, Health & Environment Induction training including Bio Medical Waste			
	(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			

8	Details of the accident occurred during the year	Nil
	(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?	NA
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	Liquid waste generated out of biotech process activities is sterilized in Kill tanks before taking in to ETP. Met the standards each and every time of steam sterilization. Type of disinfection is Steam sterilization (At 121°C for 30 minutes).
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	(Air Pollution Control Devices attached with the Incinerator) -Nil

Certified that the above report is for the period from January 2024 to December 2024

Date: 20.06.25

Place: Azamabad


Name and Signature of the Head of the Institution



Biological E. Limited
Celebrating Life Every Day

Biomedical Waste Committee Meeting

Held on: 28.01.25 at 11.00 to 11.30 Hrs.

Venue : Manthan Conference Hall

Sl. No	Description	Details
1	Meeting Discussion	Yes
2	Meeting Action Items	02
3	Meeting Attendance	13

Minutes of Meeting:

S. No	Points	Action	Target	Responsibility	Status
1.	Vaccination for new casual employees	Need to provide vaccination to new employees handling waste	20.02.25	A Ramu / SHE	Closed
2.	Proper segregation of biomedical waste and general waste need to be ensured.	Need to conduct assessment for segregation of biomedical waste	31.03.25	CFT/ SHE	Closed