

Form IV A

[See rule 13 (2)]

Format for submission of the Annual Report Information on Bio-medical Waste Management for the period from 01.01.2023 to 31.12.2023

(1)	Name of the Organization	:	Rajasthan State Pollution Control Board
(2)	Name of the Nodal Officer with contact telephone number and e-mail	:	Suman Jhajharia 9929775550 bmw.rpcb@gmail.com
(3)	Total no. of Health Care Facilities / Occupiers	:	10346.000
(i)	Bedded Hospitals and Nursing Homes (bedded)	:	7128.000
(ii)	Clinics, dispensaries	:	1362.000
(iii)	Veterinary institutions	:	130.00
(iv)	Animal houses	:	0.00
(v)	Pathological laboratories	:	1649.00
(vi)	Blood banks	:	57.00
(vii)	Clinical establishment	:	4.00
(viii)	Research Institutions	:	8.00
(ix)	AYUSH	:	8.00
(4)	Total no. of beds	:	189012.00
(5)	Status of authorization	:	
(i)	Total number of Occupiers applied for authorization	:	1600.00
(ii)	Total number of Occupiers granted authorization	:	1501.00
(iii)	Total number of application under consideration	:	80.00
(iv)	Total number of applications rejected	:	19.00
(v)	Total number of Occupiers in operation without applying for authorization	:	488.00
(6)	Quantity of Bio-medical Waste Generation (in kg/day)	:	19907.644

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	(please enclose District Wise Bio-medical Waste Generation as per Part-2)		
(i)	Bio-medical waste generation by bedded hospitals(in kg/day)	:	17816.933
(ii)	Bio-medical waste generation by non-bedded hospitals (in kg/day)	:	2087.511
(iii)	Any other	:	3.200
Total: 19907.644 Kg/day			

(7) Bio-medical waste treatment and disposal

(a) By Captive bio-medical waste treatment and disposal by Health Care Facilities (please enclose details as per (Part-3)

(i) Number of Health Care Facilities having captive treatment and Disposal facilities (Deep Burial): 598.00

(ii) Total bio-medical waste treated and disposed by captive treatment facilities in kg/day (Deep Burial) : 18073.314

(b) Bio-medical waste treatment and disposal by Common Bio Medical Waste Treatment Facilities (please enclose details as per Part 4)

(i) Number of Common Bio Medical Waste Treatment Facilities in Operation : 12.0

(ii) Number of Common Bio Medical Waste Treatment Facilities under construction : 00

(iii) Total bio-medical waste treated in kg/day : 18073.314

(iv) Total treated bio-medical waste disposed through authorized recyclers (in Kg/day) : 3472.739

(8) Total no. of violation by :

(i) Health Care Facilities (bedded and non-bedded) : 639.00

(ii) Common Bio Medical Waste Treatment Facilities : 12.00

(iii) Others (please specify) : 0.00

(9) Show cause notice/ direction issued to defaulter :

(i) Health Care Facilities (bedded and non-bedded) : 639.00

(ii) Common Bio Medical Waste Treatment Facilities : 12.00

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- (iii) Others (please specify) : 0.00
- (10) Any other relevant information
- (i) Number of workshops / trainings conducted during the year : 87.00
- (ii) Number of occupiers installed liquid waste treatment facility : 366.00
- (iii) Number of captive incinerators complying to the norms : 0.00
- (iv) Number of occupiers organized trainings : 1804.00
- (v) Number of occupiers constituted Bio-medical Waste Management Committees : 2004.00
- (vi) Number of occupiers submitted Annual Report for the previous calendar year : 2676.00
- (vii) Number of occupiers practicing pre-treatment of lab microbiology and Bio-technology waste : 4049.00
- (viii) Number of Common Bio Medical Waste Treatment Facilities that have installed Continuous Online Emission Monitoring Systems : 12.00

Part 2: District-wise Bio-medical Waste Generation (for the previous calendar year 2023)

S. No	Name of the State / Union Territory	Name of the District	Bio-medical Waste Generation (in Kg/day)	Existing Total bio-medical waste treatment capacity (both captive and CBMWTF) in kg/day	
				Equipment	Total
				Incinerator:	32600
				Autoclave:	15000
				Deep Burial:	1834.330
				Any other:	
1	Rajasthan	Ajmer	548.000		
2		Alwar	612.000		
3		Anupgarh	76.900		
4		Balotra	522.650		
5		Banswara	302.280		

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6		Baran	110.000		
7		Barmer	695.090		
8		Beawar	173.230		
9		Bharatpur	385.000		
10		Bhilwara	299.250		
11		Bikaner	621.000		
12		Bundi	142.000		
13		Chittorgarh	219.130		
14		Churu	281.733		
15		Dausa	282.900		
16		Deedwana- kuchaman	299.790		
17		Deeg	71.000		
18		Dholpur	144.000		
19		Dudu	32.492		
20		Dungarpur	238.840		
21		Gangapur City	170.000		
22		Hanumangarh	307.540		
23		Jaipur	4722.044		
24		Jaipur (Rural)	883.770		
25		Jaisalmer	70.860		
26		Jalore	435.440		
27		Jhalawar	270.000		
28		Jhunjhunu	250.356		
29		Jodhpur (Rural)	153.311		
30		Jodhpur (Urban)	1364.247		
31		Karauli	225.000		
32		Kekri	78.000		
33		Khairthal-tijara	192.000		
34		Kota	690.000		
35		Kotputli-behror	264.493		
36		Nagaur	155.370		
37		Neem-Ka-Thana	155.183		
38		Pali	235.930		
39		Phalodi	54.271		
40		Pratapgarh	98.390		
41		Rajsamand	177.700		
42		Salumbar	22.500		
43		Sanchore	261.860		
44		Sawaimadhopur	220.000		
45		Shahpura	199.600		

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46		Sikar	748.934		
47		Sirohi	132.470		
48		Sriganganagar	384.540		
49		Tonk	354.000		
50		Udaipur	572.550		
		TOTAL	19907.644		

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Part 3 : Information on Health Care Facilities having captive treatment facilities (for the previous calendar Year 2023)

S.No.	Name and address of the Health Care Facility	Quantity of Bio-medical Waste Generation (in kg/day)				Total Bio-medical waste generated (in Kg/day)	Total Installed Treatment Capacity in kg/day				Total bio-medical treated and disposed by Health Care Facilities in Kg/day	
		Yellow	Red	Blue	White		Incinerator	Autoclave	Deep burial	Any other		
1	598 (List of HCFs is enclosed)				1834.330		-	1834.330	-	Incinerator :		-
										Autoclave :		-
										Deep Burial :		1834.330
										Any other :		-
							Total :	1834.330				

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Part 4: Information on Common Bio-Medical Waste Treatment and Disposal Facilities (for the previous calendar Year 2023)

S.No.	Name and Address of The Common Bio Medical Waste Treatment Facilities With contact person name and telephone number	GPS Coordinates	Coverage Area in Kms	Name of the cities/ areas covered by Common Bio-Medical Waste Treatment Facilities	Total number of Health Care Facilities being covered	Total number of beds covered	Total Quantity of Bio Medical Waste collected From member Health Care Facilities	Capacity of Treatment equipments installed by Common Bio Medical Waste Treatment Facilities			Total Bio-Medical Waste treated (kg/day)	Method of Disposal of treated wastes (Incineration Ash/Sharps/Plastic)
								Equipment	Nos.	Total installed capacity (kg/day)		
1	Sales Promoters CBWTF Plant ADB Site, Sendriya village Jaipur by pass Road, Ajmer. Shailesh Sharma-9829790905	26°42'74.535, 74°6'58.29950	150 Km	Ajmer	291	5464	548	Incinerator	1	2400	870	Incineration Ash Quantity: 11.50kg/day Disposed By: Secure landfill Sharps Quantity : 106 kg/day Disposed By: Concrete pit Plastics Quantity : 152 kg/day Disposed By Authorized Recycler ETP Sludge Quantity: 2 kg/d Disposed by: Incinerator
				Bhilwara	176	4058	245					
				Beawar	85	1221	164					
				Shahpura	15	330	171	Plasma Pyrolysis				
								Autoclave	1	1440	152	
								Hydroclave				
								Microwave				
								Shredder	1	1440	152	
								Sharps encapsulation or concrete pit	1	196	106	
								Deep burial pits				
								Any Other equipment				
								Effluent Treatment plant	1	5 KLD	0.5KLD	
								Sub-total	5			

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S.No.	Name and Address of The Common Bio Medical Waste Treatment Facilities With contact person name and telephone number	GPS Coordinates	Coverage Area in Kms	Name of the cities/ areas covered by Common Bio-Medical Waste Treatment Facilities	Total number of Health Care Facilities being covered	Total number of beds covered	Total Quantity of Bio Medical Waste collected From number Health Care Facilities	Capacity of Treatment equipments installed by Common Bio Medical Waste Treatment Facilities	Total Bio-Medical Waste treated (kg/day)	Method of Disposal of treated wastes (Incineration Ash/Sharps/Plastic		
1	M/s Etech Projects Dungarpur, Khastra No. 213, Bhandoriya Bhatta, Dungarpur, District- Udaipur, Mr. Jainen Patel- 9428001868	23°79' .7087"N, 73°59'2.757" E	150 Km	Banswara	7	560	150	Incinerator	1	3600	100	Incineration Ash Quantity: 2 kg/day Disposed By : Secure landfill
				Dungarpur	5	240	30					Sharps Quantity : 70 kg/day Disposed By: Concrete pit
								Plasma Pyrolysis				
								Autoclave	1	1200	80	
								Hydroclave				
								Microwave				
								Shredder	1	2400	79.99	
								Sharps encapsulation or concrete pit	1		0.033	Plastics Quantity : 10 kg/day Disposed By Authorized Recycler
								Deep burial pits				
								Any Other equipment				
								Effluent Treatment plant	1	10 KLD	4 KLD	ETP Sludge Quantity: 0.1 kg/d Disposed by: Incinerator
								Sub-total	5			

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1	Hoswin Incinerator Pvt. Ltd., Dhanbada, Jhalawar.Govardhan Patidar-9660200580	24°35'46.35"N, 76°10'48.07"E	150 Km	Jhalawar	127	3095	270	Incinerator	1118	Incineration Ash Quantity: 19.31 kg/day Disposed By : Secure landfill
				Baran	45	1167	110			
				Kota	403	7905	690			
				Rundi	87	1530	142	Plasma Pyrolysis		
								Autoclave	2	Sharps Quantity : 0.65 kg/day Disposed By: Concrete pit
								Hydroclave		
								Microwave		
								Shredder	1	Plastics Quantity : 20.25 kg/day Disposed By Authorized Recycler
								Sharps encapsulation or concrete pit	1	
								Deep burial pits		
								Any Other equipment		
								Effluent Treatment plant	1	ETP Sludge Quantity: 1.08 kg/d Disposed by: Incinerator
								Sub-total	6	

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1	Sales Promoters Jodhpur, Nagar Nigam Landfill Site, Jaisalmer, Barfi, Vasant Rathore - 9829790902	26°30'27.531, 72°89'7.203	150 Km	Jodhpur	412	9898	1364,247	Incinerator	1	2400	1060.92		Incineration Ash Quantity: 14.11 kg/day Disposed By : CHW/TSDF-Balotra Waste Management Project TSDF-Balotra
				Jodhpur Rural	95	3307	153,311						Sharps Quantity : 21.18 kg/day Disposed By: Concrete pit
				Phalodi	25	511	54,271						
				Pali	132	2166	129,86	Plasma Pyrolysis					
				Beawar	45	680	9,22						
								Autoclave	1	960	541.78		
								Hydroclave					
								Microwave					
								Shredder	1	960	541.78		
								Sharps encapsulation or concrete pit	1	196	108.23		Plastics Quantity : 541.77 kg/day Disposed By Authorized Recycler Glass Waste: QTY: 87.05kg/d Disposed: Authorized Recyclers
								Deep burial pits					ETP Sludge Quantity: 18.5 kg/d Disposed by: Incineration
								Any Other equipment					
								Effluent Treatment plant	1	4.5 KLD	2 KLD		
								Sub-total	5				

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1	M/s Enviro Enviro Udaiapur, Plot No. 5008, Village-Umarida, Tehsil-Girwa, District-Udaipur, Rajasthan.	24°32'19.4244 N, 73°48'35.82 E	150 Km	Salumber	52	396	22.5	Incinerator	1	1200	879.74	ETP Sludge Quantity: 1 kg/d Disposed by: CBWTFE in Incinerator	
				Udaipur	435	8955	572.55				Incineration Ash Quantity: 21.99 kg/day Disposed By : Secure landfill		
				Rajsamand	145	1504	177.7						
				Chittorgarh	155	1190	219.13	Plasma Pyrolysis					
				Dungarpur	145	1041	208.84						
				Banswara	114	735	152.28						
				Pralapgarh	69	632	98.39	Autoclave	1	1200			915
				Pali	67	350	106.07						
				Sirohi	114	684	132.47	Hydroclave					
				Jalore	46	364	62.12	Microwave					
				Sanchole	8	350	42.88	Shredder	1	1200	908.1	Sharps Quantity : 719.96 kg/day (Glassware) Disposed By: Authorized Recyclers	
								Sharps encapsulation or concrete pit	1		6.91	Plastics Quantity : 188.13 kg/day Disposed By: Authorized Recycler	
								Deep burial pits					
								Any Other equipment					
								Effluent Treatment plant	1	5KID	4KID		
								Sub-total	5				

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1	M/s Instrumedix India Pvt. Ltd., 402 4th floor Gaurav Tower, Mahiya Nagar, Jaipur. Mr. SK Chaudhary- 9772123777	26°86'94.77"N, 75°9'19.75"E	75 Km	Jaipur rural	408	10545	883.77	Incinerator	1	2400	1822.281	Incineration Ash Quantity: 145.781 kg/day Disposed By : Secure landfill Sharps Quantity : 408.228 kg/day Disposed By: Concrete pit
				Kolpatti	43	1388	93.143					
				Dudu	15	389	32.492					
				Dausa	196	4147	282.9	Plasma Pyrolysis				
				Sikar	322	4122	748.934					
				Neeem ka Thana	93	1097	155.183					
				Churu	213	2822	281.733	Autoclave	1	1000	497.991	
				Jhunjhunu	349	3914	250.356					
				Hydroclave								
				Microwave								
				Shredder	1		1000			453.5		
				Sharps encapsulation or concrete pit	1		2000			408.239		
				Deep burial pits								
				Any Other equipment (SLF)								
				Effluent Treatment plant	1	10 KLD	0.58KLD			ETP Sludge Quantity: 28.379 kg/d Disposed by: Incineration		
				Sub-total	5							

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								Equipment	Nos.	Total installed capacity (kg/day)		
1	M/s Instrumedix India Pvt. Ltd. , 402 4th floor Gaurav Tower , Malviya Nagar, Jaipur. Mr. SK Chaudhary - 9772123777	26°86'9477N, 75°9'19'57E	75 Km	Jaipur City	1531	28008	4722.044	Incinerator	1	6000	3373.297	Incineration Ash Quantity: 236.13 kg/day Disposed By : Secure landfill
								Plasma Pyrolysis				
								Autoclave	2	2000	668.433	
								Hydroclave				
								Microwave				
								Shredder	2	3600	595.019	
								Sharps encapsulation or concrete pit				
								Deep burial pits	1	2000	680.313	
								Any Other equipment (SLF)				
								Effluent Treatment plant	1	10 KLD	5.85KLD	
Sub-total	7			ETP Sludge Quantity: 24.23 kg/d Disposed by: Incineration								

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