

Form IV A
[See rule 13 (2)]

Format for submission of the Annual Report Information on Bio-medical Waste Management (to be submitted by the State Pollution Control Board or Pollution Control Committees and Director General Armed Forces Medical Services to Central Pollution Control Board on or before 31th July of every year for the period from January to December of the preceding calendar year.

(1)	Name of the Organisation	:	Rajasthan State Pollution Control Board
(2)	Name of the Nodal Officer with contact telephone number and e-mail	:	Shri Vishnu Datt Purohit, 7023118809, bmw.rpcb@gmail.com
(3)	Total no. of Health Care Facilities / Occupiers	:	8364
(i)	Bedded Hospitals and Nursing Homes (bedded)	:	5703
(ii)	Clinics, dispensaries	:	1139
(iii)	Veterinary institutions	:	134
(iv)	Animal houses	:	0
(v)	Pathological laboratories	:	1191
(vi)	Blood banks	:	168
(vii)	Clinical establishment	:	16
(viii)	Research Institutions	:	9
(ix)	AYUSH	:	4
(4)	Total no. of beds	:	137842
(5)	Status of authorisation	:	
(i)	Total number of Occupiers applied for authorisation	:	2166
(ii)	Total number of Occupiers granted authorisation	:	1980
(iii)	Total number of application under consideration	:	446
(iv)	Total number of applications rejected	:	12
(v)	Total number of Occupiers in operation without applying for authorisation	:	811
(6)	Quantity of Bio-medical Waste Generation (in kg/day) (please enclose District Wise Bio-medical Waste Generation as per Part-2)	:	
(i)	Bio-medical waste generation by bedded hospitals(in kg/day)	:	16915.003
(ii)	Bio-medical waste generation by non-bedded hospitals (in kg/day)	:	1246.531
(iii)	Any other	:	750.032
		Total	: 18911.566 Kg/day

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(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)	: 1219
(ii)	Total bio-medical waste treated and disposed by captive treatment facilities in kg/day (Deep Burial)	: 3429.68
(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	: 08
(ii)	Number of Common Bio Medical Waste Treatment Facilities under construction	: 07
(iii)	Total bio-medical waste treated in kg/day	: 15481.887
(iv)	Total treated bio-medical waste disposed through authorised recyclers (in Kg/day)	: 537.5
(8)	Total no. of violation by	: 623
(i)	Health Care Facilities (bedded and non-bedded)	: 622
(ii)	Common Bio Medical Waste Treatment Facilities	: 1
(iii)	Others (please specify)	: 0
(9)	Show cause notice/ direction issued to defaulter	: 623
(i)	Health Care Facilities (bedded and non-bedded)	: 622
(ii)	Common Bio Medical Waste Treatment Facilities	: 1
(iii)	Others (please specify)	: 0
(10)	Any other relevant information	:
(i)	Number of workshops / trainings conducted during the year	: 5
(ii)	Number of occupiers installed liquid waste treatment facility	: 129
(iii)	Number of captive incinerators complying to the norms	: 0
(iv)	Number of occupiers organised trainings	: 536
(v)	Number of occupiers constituted Bio-medical Waste Management Committees	: 649
(vi)	Number of occupiers submitted Annual Report for the previous calendar year	: 1681
(vii)	Number of occupiers practising pre-treatment of lab microbiology and Bio-technology waste	: 2397
(viii)	Number of Common Bio Medical Waste Treatment Facilities that have installed Continuous Online Emission Monitoring Systems	: 7



Part 2: District-wise Bio-medical Waste Generation (for the previous calendar year 2020)

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:	
				Autoclave:	
				Deep	
				Burial:	
				Any other:	
	Rajasthan	Barmer	901.81		
		Jalore	781.44		
		Pali	687.18		
		Sirohi	202.95		
		Baran	183		
		Jhalawar	545		
		Kota	1204		
		Bundi	143		
		Bhilwara	415.8		
		Rajsamand	104.4		
		Sikar	259.309		
		Jhunjhunu	251.449		
		Churu	164.079		
		Jaipur	5583.119		
		Dausa	385.8		
		Jodhpur	1169.4		
		Jaisalmer	213		
		Alwar	740		
		Bharatpur	659		
		Dholpur	455		
		Karauli	345		
		Sawaimadhopur	146		
		Ajmer	688		
		Nagaur	151		
		Tonk	171		
		Udaipur	676		
		Dungarpur	122		
		Chittorgarh	127		
		Banswara	78		
		Pratapgarh	59		
		Hanumangarh	298		
		Sriganganagar	438.34		
		Bikaner	563.41		

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Part 3 : Information on Health Care Facilities having captive treatment facilities (for the previous calendar Year 2020)

S. No.	Name and address of the Health Care Facility	Quantity of Bio-medical Waste Generation (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	Total Bio-medical waste generated (in Kg/day)	Incinerator	Autoclave	Deep burial	Any other			
												Incinerator :	
												Autoclave :	
												Deep :	
												Burial :	
												Any other :	
1	1219					3429.68	0	0	3429.68	0		Total :	3429.68

As per policy, the State Board is not allowing captive BMW treatment facilities where a common biomedical waste treatment facility is operating within the prescribed area. However, the deep burial pits are constructed in rural areas where a common bio-medical waste treatment facility is not available.

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Part 4: Information on Common Bio-Medical Waste Treatment and Disposal Facilities (for the previous calendar Year 2020)

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	Method of Disposal of treated wastes (Incineration Ash/Sharps/Plastic				
								Equipment	Nos.	Total installed capacity (kg/day)						
1	E Tech Project Abohar Bye Pass Road Hanumangarh Junction Sh. Ghanshyam Rajpurohit 9352680001	Hanumangarh Lat. 29.642939N Log. 74.315853 E	150	Hanumangarh and Sriganaganagar	634	6987	657.45 Kg/day	Incinerator	1	2400	239970 kg/annum	Incineration Ash: Deep Quantity: 7300kg/annum Disposed By :landfill				
								Plasma Pyrolysis								
								Autoclave	1	600			8472 kg/annum	Sharps : Quantity : Disposed By:		
								Hydroclave								
								Microwave								
								Shredder	1	600					7738 kg/annum	ETP Sludge: Quantity: 1550kg/annum Disposed by: Pits
								Sharps encapsulation or concrete pit	Yes							
								Deep burial pits								
								Any Other equipment								
								Effluent Treatment plant	1	1 KLD						
Sub-total																
2	E tech Project Bikaner Trenching Ground, Opp Jain School, Gogagate, Bikaner	Bikaner Lat. 27.59.39 N Log. 73.18.42E	150	Bikaner & Nagaur	337	7768	635.06 kg/day	Incinerator	1	2000	228831 kg/annum	Incineration Ash: Quantity: 11354kg/annum Disposed By :				

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Sl. No.	Name of the Project	Location	Radius	Pin Code	District	Ward No.	Waste Quantity	Waste Treatment & Disposal Details										
								Plasma Pyrolysis	Autoclave	Hydroclave	Microwave							
								Plasma Pyrolysis										Stored
								Autoclave	1	250	2966							Sharps : Quantity : Disposed By :
								Hydroclave										Plastics: Quantity : 2705kg/annum Disposed By Recycler
								Microwave										
								Shredder	1	350	1718							
								Sharps encapsulation or concrete pit	Yes									
								Deep burial pits										
								Any Other equipment										ETP Sludge: Quantity: 2100 kg/annum Disposed by: Stored
								Effluent Treatment plant										
								Sub-total										
3	M/s Envision Enviro Engineers Pvt. Ltd., Plot No. 5008, Village Umarda, Tehsil Girwa, Udaipur Tel. No. (0294)2481513 Mobile 9428001868		150 Km radius	1214	9962		1274 Kg/day	Incinerator	1	1200	1070 Kg/day							Incineration Ash: Quantity: 5980 kg/annum Collection, storage & disposal through secured landfill site
								Plasma Pyrolysis										
								Autoclave	1	1200	203.35							Sharps : Quantity : Disposed By
								Shredder	1	1200	Kg/day							
								Hydroclave										Plastics: Quantity : Disposed By
								Microwave										
								Sharps encapsulation or concrete pit				1.72 Kg/day						
								Deep burial pits										ETP Sludge: Quantity: Disposed by:
								Any Other equipment										
								Effluent Treatment plant	1	240	m ³ /day							
								Sub-total										
4	Sales Promoter CBWTF, ADB Site, Sendriya Village, Jaipur Bye Pass Road, Ajmer Sh. Anil Jain 9829790903 9829790905 Sh. Anuvind Harkawat 09826071087	NA	150 Km	532	9338		1023 Kg/day	Incinerator	1	100Kg/Hr	920 Kg/day							Incineration Ash: Quantity: 11.5 kg/day Disposed by: Municipal Landfill
								Plasma Pyrolysis										
								Autoclave	1	40-80 Kg/Hr	32.5 Kg/day							Sharps : Quantity: Disposed By: Sharps concrete pit
								Hydroclave										
								Microwave										
								Shredder	1	40 Kg/Hr								
								Sharps encapsulation or concrete pit	1	7*7*4	70.5 Kg/day							

7	M/s Hoswin Incinerator Pvt. Ltd Khanpur Road, Dhanwada, Jhalawar Sh. Goverdhan Patidar Ph. 9660200580	24 5960067 N 76 1799442 E	150 km	Jhalawar, Baran, Kota, Bundi, Rawatbhata city	556	9945	1372 Kg/day	Sub-total					Incineration Ash: Quantity: 8858 kg/annum Disposed by : Stored Sharps : Quantity : Disposed By : Plastics: Quantity : 11355 kg/annum Disposed By: sold to recyclers ETP Sludge: Quantity: 1146 kg/annum Disposed by: stored
								Incinerator	1	2000	424712		
								Plasma Pyrolysis					
								Autoclave	1	500	4718		
								Hydroclave					
								Microwave					
								Shredder	1	400	2786		
								Sharps encapsulation or concrete pit	Yes				
								Deep burial pits					
								Any Other equipment					
Effluent Treatment plant													
Sub-total													
8	M/s Instromedix India Pt. Ltd. Village Khori Ropada, Jaipur Agra Highway, Tehsil Sanganer, Jaipur Sh. SK Choudhary Ph. 9772123777	Long :- 26.869477 Lat 75.919757	75 Km	Jaipur, Dausa, Sikar, Jhunjhunu, Churu	2291	40119	6643.837 Kg/day	Sub-total					Incineration Ash: Quantity: 13794 kg/month Disposed by in landfill Sharps : Quantity : Disposed By Plastics: Quantity : Disposed By: ETP Sludge: Quantity: 300.669 kg/month Disposed by:
								Incinerator	1	250 Kg/hr	1382400		
								Plasma Pyrolysis					
								Autoclave	2	150 Kg/Hr	599347		
								Hydroclave					
								Microwave					
								Shredder	2	150 Kg/hr	155819		
								Sharps encapsulation or concrete pit	1	2000 Kg/Day	430301		
								Deep burial pits	1	500-550 Kg/Day	113153.1		
								Any Other (Chemical disinfection) equipment	1	2000 ltr/hr	431908.658		
Effluent Treatment plant			6015.141										
Sub-total													

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- (a) Total Number of transportation vehicles used for collection of Bio-medical Waste on daily basis by the Common Bio-Medical Waste Treatment Facilities: 76
- (b) List of Health Care Facilities not having membership with the Common Bio-Medical Waste Treatment Facilities and neither having captive treatment facilities:
- (c) Number of trainings organised by the Common Bio-Medical Waste Treatment Facility operators: 34
- (d) Number of Accidents reported by the Common Bio Medical Waste Treatment Facilities: 01

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