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.

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

Total : 18911.566 Kg/day



(7)	Bio-medical waste treatment and disposal	
(a)	By Captive bio-medical waste treatment and disposal by Health Care Facilities (please enclose de	etails 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 Buri	(al) : 3429.68
(b)	Bio-medical waste treatment and disposal by Common Bio Medical Waste Treatment Facilities (pas per Part 4)	please enclose details
(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) Monit	Number of Common Bio Medical Waste Treatment Facilities that have installed Continuous Onli oring Systems	ine Emission : 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 waste treatmet (both captive and kg/c	ent capacity d CBMWTF)in lay
				Equipment	Total
				Incinerator:	
				Autoclave:	
				Deep	
				Burial:	
	Rajasthan	Deven		Any other:	-
	Najastilali	Barmer Jalore	901.81		
			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	9	
		Hanumangarh	298		
		Sriganganagar	438.34		
		Bikaner	563.41		



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

S.	Name		tity of Bio-me	dical Waste Ge	eneration (in k	g/day)	Total Ins	talled Treatm	nent Capacity in I	kg/day	Total bio-
No.	and address of the Health Care Facility	Yellow	Red	Blue	White	Total Bio- medical waste generated (in Kg/day)	Incinera tor	Autocla ve	Deep burial	Any	medical treated and disposed by Health Care Facilities in Kg/day
											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.



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 Treatme nt 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 Treatr installed by Comn Waste Treatment I	on Bio M	ments edical	Total Bio- Medical Waste treated	Method o Disposal of treated wastes (Incineration Ash/Sharps/Plastic
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 Sriganganagar	634	6987	657.45 Kg/day	Equipment	Nos.	Total installed capacity (kg/day)		
		8						Incinerator	1	2400	239970 kg/annum	Incineration Ash: Deep Quantity: 7300kg/annum Disposed By
	U	'.			9			Plasma				:landfill
								Pyrolysis				0
			,					Autoclave	1	600	8472 kg/annum	Sharps: Quantity: Disposed By: Plastics: Quantity: 8472kg/annum
								Hydroclave				Disposed By
								Microwave				Recycler
				_				Shredder	1	600	7738 kg/annum	ETP Sludge:
								Sharps encapsulation or concrete pit	Yes			Quantity: 1550kg/annum Disposed by:
								Deep burial pits		7		Pits
			-	-				Any Other				
								equipment				
								Effluent	1	1 KLD		
							-	Treatment plant Sub-total				
					~ 1		£	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:

Tab L

	Manish Rajpurohit	1	1	1	1		E.					
	9314442517							Plasma				Stored
1								Pyrolysis				310100
1					1			Autoclave	1	250	2966	Sharps:
	161										kg/annum	Quantity:
						- 1		Hydroclave			118 41114111	Disposed By :
								Microwave				- Disposed by .
					1			Shredder	1	350	1718	Plastics:
										330		Quantity:
		1						Sharps	Yes	+	kg/annum	2705kg/annum
								encapsulation	1 68			Disposed By
								or concrete pit				Disposed By
	1					1		Deep burial pits	-	-		Recycler
								Any Other				Emp of 1
					1			equipment				ETP Sludge:
	1							Effluent				Quantity: 2100
	1							Treatment plant				kg/annum
							1			1		Disposed by:
3	M/- E							Sub-total		-		Stored
3	M/s Envision Enviro		150 Km radius	Udaipur,	1214	9962	1274 Kg/day					
	Engineers Pvt. Ltd., Plot No. 5008, Village			Dungarpur,	0.0000000000000000000000000000000000000	7702	1274 Kg/day	Incinerator	1	1200	1070 Kg/day	Incineration As
	Umarda, Tehsil Girwa,			Banswara,								Quantity: 5980
	Udaipur Udaipur			Chittorgarh,				Plasma				kg/annum Collection, storage &
	Oddipui			Pratapgarh,				Pyrolysis				
	Tel. No.			Rajsamand,			-	Autoclave	1	1200	203.35	
	(0294)2481513			Sirohi+Pali				Shredder	1	1200	Kg/day	disposal through
	Mobile 9428001868											secured landfill
٠,	1,20001000		1		1			Hydroclave				site
					1			Microwave				
								Sharps			1.72 Kg/day	Sharps:
								encapsulation		1	1.72 Kg/day	Quantity:
	-							or concrete pit				Disposed By
								Deep burial pits		 		1
					1			Any Other				Plastics:
								equipment				Quantity:
					1	1		Effluent	1	240		Disposed By
								Treatment plant	1	240		Disposed By
								reatment plant		m³/day		ETP Sludge
												Quantity:
												Disposed by:
	Sales Promoter	NA	150 Km	Ajmer, Bhilwara				Sub-total				Disposed by.
	CBWTF, ADB Site,	1 20010	100 Kill	Ajmer, Britwara	532	9338	1023 Kg/day	Incinerator	1	100Kg/Hr	920 Kg/day	Incineration Ash:
	Sendriya Village,				1						1.5)	Quantity: 11.5
	Jaipur Bye Pass Road,				1			Plasma				kg/day
	Ajmer							Pyrolysis				Disposed by:
	Sh. Anil Jain							Autoclave	1	40-80	32.5 Kg/day	Municipal
	9829790903									Kg/Hr	JZ.J Kg/day	Landfill
- 1	9829790905 Sh. Armind III							Hydroclave		KEIII		Langiiii
	Sh. Anuvind Harkawat					1		Microwave				Sharms :
1	09826071087				1			Shredder	1	40 V - 0 F		Sharps
					1			Sharps	1	40 Kg/Hr	70.5	Quantity:
	Table 1				1			encapsulation	1	7*7*4	70.5 Kg/day	Disposed By:
1			1	1	1		or concrete pit				Sharps concrete pit	
	() - h					18		of concrete nit				nit

day

1

						1	1	Deep burial pits		I	1	7
					16			Any Other		1		Plastics:
							_	equipment				Quantity:
		8						Effluent Treatment plant	1	4.5 KLD	-	Disposed By: ETP Sludge: Quantity: 500 litre Disposed By:
	-							Sub-total				
5	Sales Promoter	26.3027428 N	150 Km	Jodhpur	645	10890	1855.30	Incinerator	1	100Kg/Hr	492026.80	Incineration Ash:
	CBWTF, Nagar Nigam	72.8976945 E			37.136		Kg/day	memerator		100Kg/111	kg/annum	Quantity:
	Land Fill Site, Jaisalmer Road, Barli							Plasma				5544.29kg/annun
	Post office, Jodhpur	e. Jodhpur						Pyrolysis				Disposed By:
	342001							Autoclave	1	40 Kg/cycle	113802 kg/annum	landfill
	Mr. Anuvind Harkawat				1			Hydroclave				Sharps:
	Ph: 6376583508							Microwave				Quantity:
								Shredder	1	40 Kg/Hr	113802 kg/annum	Disposed By
							Sharps encapsulation or concrete pit	1	7*7*4	22818.16 kg/annum	Plastics: Quantity: 113802kg/annum Disposed By	
								Deep burial pits				Recycler
								Any Other (Chemical treatment Glass) equipment	,	5	45528 kg/annum	ETP Sludge: Quantity: Disposed:
								Effluent				
	0.1							Treatment plant				Incineration Ash: Quantity: 1500
								Sub-total				
	Hoswin Incinerator Village Rundh		150 km	Alwar, Bharatpur, Karauli,	694	14662	1309 Kg/day	Incinerator	1	100 kg/hr	903 Kg/day	
	Dhuminath, Near MIA, Alwar			Sawaimadhopur, Tonk, Bundi,			-	Plasma				kg
	riwai		y.	Bhiwadi				Pyrolysis				Disposed by
	Sh. Arvind Bhardwaj			Diriwadi			1	Autoclave	11	10 kg/hr	342 Kg/day	
	Ph. 8875693666							Hydroclave				Sharps:
								Microwave				Quantity: 100 kg
						1		Shredder	1	20 kg/hr	173 Kg/day	Disposed By
		F 8						Sharps encapsulation or concrete pit and Deep burial pits	1			Plastics: Quantity: 102 kg Disposed By
								Any Other				Quantity: 500 kg
			-					equipment				Disposed by:
	-							Effluent	1	5 KLD		

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Molecular Politics	7	M/s Hoswin	24.5960067 N	150 lem	The Leavest D	556	2015	1	Sub-total				
Mode Palsman		Incienerator Pvt. Ltd		150 km	Comment of the second of the s	556	9945	1372 Kg/day	Incinerator	1	2000	424712 kg/annum	Incineration As Quantity: 8858
Sh. Goverdhan Patidar Ph. 965020380 Sh. Goverdhan Patidar Ph. 965020380 Af 18 Right Righ					Rawatbhata city				Plasma			7	kg/annum Disposed by:
Ph 966200580 Ph 9		Dilanwada, Jilalawai							- American de la companya della companya della companya de la companya della comp				
Mix Instromedix India Number Numb		Sh. Goverdhan Patidar								1	500		Stored
M/s Instromedix India Long 28 km Jaipur, Dausa, Jaipur Agra Highway, La 75 91977 28 km 29 la		Ph. 9660200580							Hydroclave		10	kg/annum	
M/s. Instrument plant													Sharps:
M/s Instromedix India	1									1	400		Quantity:
M/s Instronceix India	- 0									Yes	-	kg/annum	Disposed By:
M/s Instromedix India Long 75 Km Jaipur, Dausa Sikar, Jhunjhunu, Churu Sikar, Jhunjhunu, Sikar, Jhunjhunu, Churu Sikar, Jhunjhunu, S				1									TOI
M/s Instromedix India Long Zego April Construction Con								1					
M/s instromedix India Pt. Itd Long 26.869477 Lat 75 919757 Autoclave Pt. 19712123777 Pt. 9772123777 Pt. 9772123777 Pt. 9772123777 Pt. 19712123777 Pt.								-					Quantity: 113:
M/s Instromedix India Pt. Ltd Long 28,69437 Ltd 75 919757 Ltd 75 91975				-									
M/s Instromedix India Pt. Lid								equipment				Disposed By:	
M/s Instromedix India Pt. Lid. Long 26 869477 21 75 F. Jaipur, Dausa, Sikar, Jhunjhunu, Churu Long 26 869477 21 75 919757 21 75 919757 21 75 919757 2291 40119 6643 837 Kg/day Incinerator 1 250 1382400 Kg/hr kg/annum Plasma Pyrolysis 25 869477 21 75 919757													sold to recycles
M/s Instromedix India Pt. Ltd. Village Khori Ropada, Jaipur Agrar Highway, Tehsil Sanganer, Jaipur Sh. SK. Choudhary Ph. 9772123777 Sh. Sk. Sk. Ph. 9772123777 Sh. Sk. Sk. Ph. 9772123777 Sh. Sk. Ph. 977212									Treatment plant	t			ETP Sludge: Quantity: 1146 kg/annum Disposed by: stored
M/s Instromedix India Pt. Ltd. Village Khori Ropada, Jaipur Agrar Highway, Tehsil Sanganer, Jaipur Sh. SK. Choudhary Ph. 9772123777 Sh. Sk. Sk. Ph. 9772123777 Sh. Sk. Sk. Ph. 9772123777 Sh. Sk. Ph. 977212									Sub-total				
P. Lt.d. 26,869477 26,869477 Village Khori Ropada, Jaipur Agra Highway, Tehsil Sanganer, Jaipur Churu				75 Km	Jaipur, Dausa,	2291	40119	9 6643.837		1	250	1382400	Incineration Ash
Plasma			26.869477 Sikar, Jhunjhi Chori Ropada, Lat 75.919757 Churu	Sikar, Jhunjhunu,		NECES.		I I I I I I I I I I I I I I I I I I I				Quantity: 13794	
Pyrolysis					Churu				Plasma			1.6	kg/month
Autoclave 2 150 599347 kg/mnum landfill													Disposed by in
Neg/Hr Reg/annum Hydroclave Sharps Sharps 1 2000 Reg/Day Reg/annum Plastice Sharps 1 2000 Reg/Day Reg/annum Plastice Sharps 1 2000 Reg/Day Reg/annum Sharps 1 2000 Reg/Day Reg/annum Sharps 1 Soo-550 Ila153.1 Reg/annum Reg/Day Reg/annum Sharps 1 2000 Reg/Day Reg/annum Sharps 1 2000 Reg/Day Reg/annum Plastice Sharps Shar		Tensii Sanganer, Jaipur							Autoclave	2	150	599347	landfill
Ph. 9772123777		Sh. SK Choudhary	_										and the second second
Shredder 2 150 155819 kg/annum Dispos								-	Hydroclave				Sharps : Quantity : Disposed By
Sharps 1 2000 430301 kg/annum Plastics Deep burial pits 1 500-550 113153.1 Kg/Day kg/annum Any 1 2000 431908.658 lt/annum Dispos Other(Chemical disinfection) equipment equipment Effluent Treatment plant Treatment plant Dispos Dispos Rg/Day kg/annum Plastics Quantit Dispos ETP SI Quantit Treatment plant Dispos									Microwave				
Sharps 1 2000 430301 kg/annum Plastice				9					Shredder	2	150	155819	
Sharps 1 2000 430301 kg/annum Plastics								(40)			Kg/hr	kg/annum	
or concrete pit Deep burial pits 1 500-550 kg/Day kg/annum Any Other(Chemical disinfection) equipment Effluent Treatment plant Treatment plant Plastice Quantit Dispos ETP SI Quantit 300.66 kg/mor Dispos									Sharps	1			
Deep burial pits 1 500-550 113153.1 Kg/Day kg/annum Dispos Any 1 2000 431908.658 It/annum Quantition Dispos Other(Chemical disinfection) equipment									encapsulation		Kg/Day	kg/annum	Taria Ta
Any 1 2000 431908.658 It/annum ETP SI Kg/Day kg/annum Dispos Other(Chemical disinfection) equipment Effluent Treatment plant Treatment plant Dispose SI Treatment plant SI Rg/annum Dispose SI Rg/annum SI Rg									or concrete pit				
Any 1 2000 431908.658 Other(Chemical disinfection) equipment ltr/hr lt/annum Effluent Treatment plant ltr/day ETP SI Quantiti 300.666 kg/mor Dispose								- 1	Deep burial pits	1 500-550	500-550	113153.1	Quantity:
Other(Chemical disinfection) equipment				14			1				Kg/Day	kg/annum	Disposed By:
Other(Chemical disinfection) equipment									. n 1				
disinfection) equipment Quantity 300.666 kg/mor Dispose Treatment plant Quantity 1 ltr/day										1			ETP Sludge:
Effluent Consideration of the following sequipment and the following sequi											ltr/hr	lt/annum	
Effluent 6015.141 Treatment plant ltr/day									The second secon				300.669
Effluent Treatment plant Dispose									equipment				
Effluent Treatment plant 6015.141 ltr/day		N N	*								-	Disposed by:	
Treatment plant ltr/day								Effluent		Y	6015.141	Disposed by.	
									MANAGEMENT AND A SECOND				
Sub-total Sub-total											2:		2
Sub-total Sub-total													
Sub-total Sub-total													
COU COM									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

