

Format for Submission of the Annual Report on Bio-medical Waste Management by SPCB/PCC (For the Year 2012)

Name of the State Pollution Control Board/Pollution Control Committee—Chhatisgarh Environment Conservation Board, Raipur (C.G.)
Name of Nodal Officer with contact telephone no. & mobile no. Member Secretary-0771-2970070, Fax. 2970072, e-mail-hoecb@gmail.com

Hospital & Nursing Homes (HCFs) in village/town/city as per Schedule VI	Total No. of HCFs irrespective of no. of patients treated	Total no. of Beds	No. of HCFs applied for Authorization	No. of HCFs Granted Authorization	No. of HCFs having own treatment and disposal facilities	Total no. of captive treatment equipment installed by the HCFs (i.e. excluding CBWTF)		No. of Shredder	In operation	Under construction	No. of HCFs which are utilizing CBWTFs	Total quantity of BMW generated (kg/day)	Total quantity of BMW treated (kg/day)	No. of Facilities violated BMW Rules		Total No. of Show Cause Notices/ Directions issued to defaulter Facilities				
						No. of Incinerators	No. of Autoclave							No. of Microwave	No. of Hydroclave		HCFs	CBWTFs	HCFs	CBWTFs
(1)	(2)	(3)	(4)	(5)	(6)	With APCD	Without APCD	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)				
I. Bio-Medical Waste Management scenario reported for the period up to 2011																				
	980	21594	722	554	307	7	-	336	17	-	385	6	-	483	5561.11	5561.11	26	-	26	-
II Bio-Medical Waste Management scenario reported for the period up to 01-01-2012 to 31-12-2012																				
A) HCFs in town with population of 30 lakhs and above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B) HCFs in town with population below 30 lakhs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
i) with 500 beds and above																				
ii) with 200 beds and above but less than 500 beds	2	680	2	2	1	-	-	1	-	-	1	146.5	146.5	-	-	-	-	-	-	-
iii) with 50 beds and above but less than 200 beds	37	1255	37	11	31	-	-	19	6	10	5	299.59	299.59	-	-	-	-	-	-	-
iv) with less than 50 beds	55	870	55	13	30	-	-	17	-	17	21	171.44	171.44	-	-	-	-	-	-	-
(C) All others institutions generating biomedical waste not include in A) and B) above	26	-	26	13	3	-	-	2	-	4	23	33.63	33.63	-	-	-	-	-	-	-
Sub-Total	120	2805	120	39	65	-	-	39	6	32	50	651.16	651.16	-	-	-	-	-	-	-
Total (I+II)	1100	24399	842	593	372	7	-	375	23	417	533	6212.26	6212.26	26	-	26	-	-	-	-

Station :- Raipur

Date :- 7/2/15

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Information on Common Bio-medical Waste Treatment Facilities (CBWTFs)
(for the Year 2012)

Annexure - II

Name of the State Pollution Control Board/Pollution Control Committee		Chhatisgarh Environment Conservation Board, Raipur (C.G.)										
Name of the Nodal Officer with contact telephone no. & mobile no.		Member Secretary-0771-2970070, Fax: 2970072, e-mail-hoecb@gmail.com										
Sr. No.	Name & Address of the CBWTF with contact person name and telephone no.	Name of the cities/areas covered by CBWTF	Total no. of HCFs being covered	Total no. of beds covered	Total Quantity of BMW collected, treated and disposed of (in Kg/day)	Cost of treatment of BMW charged by the CBWTF operator (.....Rs. per Kg orRs. per Day orRs. per bed per day)	Treatment equipment/facilities installed at CBWTF			Air Pollution Control Systems attached with the incinerator (s)	Method of Disposal of treated wastes (Incineration Ash/Sharps/plastics)	Compliance Status
							Equipment	Nos.	Total installed capacity in kg/day			
1.	E-Tech Project Pvt.Ltd., 172-A, Light Industrial Area, Bhatia-Durg, Mo. 9893265172	Durg-Bhatia	76	2022	429.44	Rs. 2.51-/Bed/Day Rs. 579/-Month/Clinic Rs. 724/-Month/Path/BB	Incinerator : Autoclave : Shredder E.T.P. :	1 1 1	75Kg/hr. 20 Kg/hr. 25 Kg/hr.	Cyclone Ventury Scrubber	Incineration Ash : in Municipal land filling	No. of Showcause notices/Direction issued : NIL
2.	E-Tech Project Pvt.Ltd., 172-A, Light Industrial Area, Bhatia-Durg, Mo-07384050048	Raipur	185	2671	812.599	Rs. 2.90-/Bed/Day Rs. 621/-Month/Clinic Rs. 776/-Month/Path/BB	Incinerator : Autoclave : Shredder E.T.P. :	1 1 1	75Kg/hr. 20 Kg/day 25 Kg/hr.			
3.	Jitendra Chakole, Ramdhan Marg, Rajnandgaon-Mo. 9827463657	Rajnandgaon Town	Clinic & District Hospital	205	3.51	Rs. 20/-Day/Clinic Rs. 165/-Day/District Hospital	Deep burial : Sharp Pit	1	8×10×8 Feet 10×15×8 Feet			
4.	Envirocare International, Nehru Nagar, Bilaspur. Mo. 9753225597	Bilaspur & Janjgir-Champa	93	1726	285.85	Rs. 69/-Bed/Month Rs. 500/- Month/Clinic/Lab	Deep burial :	-	-		Sharps : in sharp pit Plastics: After chemical treatment sold to recyclers	No. of Court cases : NIL
5.	Envirocare International, Korba	Korba	45	740	85	Rs. 2.30/-Bed	Microwave : Shredder :	-	-		Plastics : - Sold after shredder	Others : NIL
6.	Aroma Social Service, Near Bade Rampur, Charmari, Raigarh	Raigarh	41	672	192	Rs. 80/-Bed/Day Rs. 400/-Clinic & Path	Autoclave : Shredder : Deep burial :	7 1	80 Kg./day 20 Kg./hr			
	Total		440	8036	1808.40							

Station :- Raipur

Date :- 7/12/15

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SUMMARY SHEET ON BIO-MEDICAL WASTE MANEGEMENT SCENARIO IN THE STATE/UT

For the year 2012

(1) Name of the SPCBs/PCCs & Contact person with Telephone No. /Mobile No. : Member Secretary-0771-2970070,
Fax. 2970072,
e-mail-hocecb@gmail.com

(2) No. of HCFS :

S.No.	HCF category	No. of HCFs require authorization under BMW Rules	No. of HCFs does not require authorization under BMW Rules
a.	Bedded Hospital	94	-
b.	Non-bedded Hospital	26	-
c.	Others (Veterinary Hospitals/Research Organizations etc.)		-

(3) Total No. of Beds in HCFs : 2805

(4) Status on Consents under Water Act & Air Act : -

(a) No. of HCFs applied for Consents under Water & Air Acts : -

(b) No. of HCFs obtained Consents under Water & Air Acts : -

(c) No. of application under consideration : -

(d) No. of application rejected : -

(5) Status on Authorization under BMW Rules :

(a) No. of HCFs applied for Authorization : 117

(b) No. of HCFs obtained Authorization : 39

(c) No. of application under consideration : 78

(d) No. of application rejected : -

(6) Details on On-site treatment equipments installed by HCFs :

(Enclose details as annexure separately if required)

S.No	No. of HCFS	On-site Deep Burial		On-site Incinerator		On-site Autoclave		On-site Microwave		On-site Hydroclave		On-site Shredder	
		Nos.	Total installed capacity in Kg/day	Nos.	Total installed capacity in Kg/day	Nos.	Total installed capacity in Kg/day	Nos.	Total installed capacity in Kg/day	Nos.	Total installed capacity in Kg/day	Nos.	Total installed capacity in Kg/day
1.	120	65		6		39		6				32	

a) Total Bio-medical waste collected & treated by HCFs in Kg/day : 155

b) Total recyclable & treated Bio-medical waste sold off by HCFs in Kg/day: 2

c) Total Bio-medical waste disposed off by HCFs in Kg/day through a CBWTFs: 131

(7) No. of On-site Incinerator (s) in operation installed by HCFs :

a) With APCD : 6

b) Without APCD : -

(8) Details on Common Bio-medical Waste Treatment Facility (CBWTF) :

(a) Total No. of CBWTFs in operation : 5

(b) Total No. of CBWTFs under construction : -

(c) Total No. of Incinerators installed by CBWTFs :

I. With APCD : 1

II. Without APCD : -

(9) Details of CBWTFs (enclose details as annexure separately if required) :

S.No	Name of CBWTF with complete address & contact details	No. of HCFS taken membership	Incinerator		Autoclave		Microwave		Hydroclave		Shredder	
			Nos.	Total installed capacity in Kg/day	Nos.	Total installed capacity in Kg/day	Nos.	Total installed capacity in Kg/day	Nos.	Total installed capacity in Kg/day	Nos.	Total installed capacity in Kg/day
1.	E-Tech Project Pvt., 172-A, Light Industrial Area, Bhilai-Durg, Mo. 9893265172	185	1	75 Kg./hr.	1	20 Kg./hr.	-				1	25 Kg./hr
2.	E-Tech Project Pvt., 172-A, Light Industrial Area, Bhilai-Durg	76										
3.	Jitendra Chakole, Ramdhin Marg, Rajnandgaon Mo. 9827463657	-	-	-	-	-	-	-	-	-	-	-
4.	Envirocare International, Negru Nagar, Bilaspur. Mo. 9753225597	93	-	-	-	-	-	-	-	-	-	-
5.	Envirocare International, Korba	45	-	-	-	-	-	-	-	-	-	-
6.	Aroma Social Service, Near Bade Rampur, Charmari, Raigarh	41	-	-	1	80 Kg./hr.	-	-	-	-	1	20 Kg./hr
	Total	440	1	-	2	100 Kg./hr.	-	-	-	-	2	45 Kg./hr

a) Total Bio-medical waste collected & treated by CBWTFs in Kg/day : 1808.40

b) Total recyclable & treated Bio-medical waste sold off by CBWTFs in Kg/day: 78.3

c) Total Bio-medical waste disposed off by CBWTFs in Kg/day : 1730.10

10. Action taken against HCFS /CBWTFs for violation of provisions :

a) No. of Show-cause notices issued to HCFS : -

b) No. of Show-cause notices issued to CBWTFs : -

c) No. of HCFS closed during the year 2012 : -

d) No. of CBWTFs closed during the year 2012 : -

11. Details on Bio-medical Waste Management Scenario :

a) Total Bio-medical waste Generation in Kg/day :

i. Incinerable : 2498.51

ii. Recyclable (after autoclaving followed by shredding) : 511.39

iii. Disposable in secured landfill/deep burial/sanitary landfill : 3202.36

b) Total Bio-medical waste Collected in Kg/day : 6212.26

c) Total Bio-medical waste Treated & Disposed in Kg/day : 6212.26

12. Steps taken by SPCBs/PCCs for improvement in Bio-medical waste management scenario in the State/UT (pl. use Annexure for details) : during the year 2012.

Note : Strike off whichever is not applicable.