

Format for Submission of the Annual Report on Bio-medical Waste Management by SPCB/PCC (For the Year 2011)
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 CBWTF (Please specify if a hospital treatment facility is also used by other HCF)	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		No. of Shredder	In operation	Under construction	HCFs	CBWTFs	HCFs
(1)	(2)	(3)	(4)	(5)	(6)	With APCD	Without APCD	(7)	(8)	(9)	(10)	(11)	(12)	(13)						
I. Bio-Medical Waste Management scenario reported for the period up to 2010																				
	740	14678	478	425	181	7	4	295	7	-	354	6	-	446	4492.37	4492.37	20	-	20	-
II Bio-Medical Waste Management scenario reported for the period up to 01-01-2011 to 31-12-2011																				
A) HCFs in town with population of 30 lakhs and above	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
B) HCFs in town with population below 30 lakhs	1	860	1	1	-	-	-	-	-	1	210.83	210.83	-	-						
i) with 500 beds and above																				
ii) with 200 beds and above but less than 500 beds	5	1827	5	5	1	-	-	4	1	-	279.82	279.82	1	1						
iii) with 50 beds and above but less than 200 beds	20	1733	20	15	-	-	-	8	8	-	294.76	294.76	2	2						
iv) with less than 50 beds	206	2496	210	100	122	-	-	27	-	14	280.53	280.53	-	-						
(C) All others institutions generating biomedical waste not include in A) and B) above	8	-	8	8	3	-	-	2	1	5	2.8	2.8	3	3						
Sub-Total	240	6916	244	129	126	-	-	41	10	37	1068.74	1068.74	6	6						
Total (I+II)	980	21594	722	554	307	7	-	336	17	483	5561.11	5561.11	26	26						

Station :- Raipur
Date :- 7/11/15

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Information on Common Bio-medical Waste Treatment Facilities (CBWTFs)
(for the Year 2011)

Annexure - II

Name of the State Pollution Control Board/Pollution Control Committee							Chhattisgarh 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, Bhilai-Durg, Mo. 9893265172	Durg-Bhilai	57	1820	426.19	Rs. 2.51-/Bed/Day Rs. 579-/Month/Clinic Rs. 724-/Month/Path/BB	Incinerator : Autoclave : Shredder E.T.P. : Sharp Pit :	1 1 1 1 1	75K.g/hr. 20 Kg/day 20 Kg/hr. 500 Ltr./day 8×8×8 feet		Incineration Ash : 20 kg/day Municipal land filling Sharp-Sharp pit plastic-sold after Shredding	No. of Showcause notices/Direction issued : NIL No. of court case-Nil Others-Nil
2.	E-Tech Project Pvt. Ltd., 172-A, Light Industrial Area, Bhilai-Durg, Mo-07884050048	Raipur	177	2521	799.509	Rs. 2.51-/Bed/Day Rs. 579-/Month/Clinic Rs. 724-/Month/Path/BB	Incinerator : Autoclave : Shredder E.T.P. :	1 1 1 1	75K.g/hr. 20 Kg/hr. 25 Kg/hr.	""	Nil Nil Nil
3.	Jitendra Chakole, Ramdhan Marg, Rajnandgaon-Mo. 9827463657	Rajnandgaon Town	10	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		plastic sold after Shredding	Nil Nil Other-Nil
4.	Envirocare International, Nehru Nagar, Bilaspur. Mo. 9753225597	Bilaspur & Janjgir-Champa	87	1591	258.15	Rs. 69-/Bed/Month Rs. 500/- Month/Clinic/Lab	Deep burial :				Sharps : in sharp pit Plastic: After chemical treatment sold to recyclers.	No. of Court cases : NIL
5.	Envirocare International, Korba	Korba	32	742	70	Rs. 2.30-/Bed	Microwave : Shredder :				Plastics : - Sold after shredder	Others : NIL
6.	Aroma Social Service, Near Bade Rampur, Charnari, Raigarh	Raigarh	36	616	127	Rs. 80-/Bed/Day Rs. 400-/Clinic & Path	Autoclave : Shredder : Deep burial :	1 1	80 Kg./hr. 20 Kg./hr			
Total			399	7495	1684.36							

Station :- Raipur
Date: 27/2/15

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SUMMARY SHEET ON BIO-MEDICAL WASTE MANAGEMENT SCENARIO IN THE STATE/UT
For the year 2011

(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	232	
b.	Non-bedded Hospital	8	
c.	Others (Veterinary Hospitals/Research Organizations etc.)		

(3) Total No. of Beds in HCFS : 6916

(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 : 244
 (b) No. of HCFS obtained Authorization : 129
 (c) No. of application under consideration : 115
 (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.	63	115		6		30		10				31	

a) Total Bio-medical waste collected & treated by HCFS in Kg/day : 193
 b) Total recyclable & treated Bio-medical waste sold off by HCFS in Kg/day: 26.6
 c) Total Bio-medical waste disposed off by HCFS in Kg/day through a CBWTFs: 166.4

(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. Ltd. , 172-A, Light Industrial Area, Bhilai-Durg, Mo. 9893265172	57	1	75 Kg./hr.	1	20 Kg./hr.	-				1	25 Kg./hr
2.	E-Tech Project Pvt. Ltd. , 172-A, Light Industrial Area, Bhilai-Durg	177										
3.	Jitendra Chakole, Ramdhin Marg, Rajnandgaon-Mo. 9827463657	10	-	-	-	-	-	-	-	-	-	-
4.	Envirocare International , Nehru Nagar, Bilaspur. Mo. 9753225597	87	-	-	-	-	-	-	-	-	-	-
5.	Envirocare International , Korba	32	-	-	-	-	-	-	-	-	-	-
6.	Aroma Social Service, Near Bade Rampur, Charmari, Raigarh	36	-		1	80 Kg./hr.	-				1	20 Kg./hr
	Total	399	1		2	100 Kg./hr.					2	45 Kg./hr

a) Total Bio-medical waste collected & treated by CBWTFs in Kg/day : 1684.36
 b) Total recyclable & treated Bio-medical waste sold off by CBWTFs in Kg/day: 45.4
 c) Total Bio-medical waste disposed off by CBWTFs in Kg/day : 1638.96

10. Action taken against HCFs /CBWTFs for violation of provisions :
 a) No. of Show-cause notices issued to HCFs : 6
 b) No. of Show-cause notices issued to CBWTFs : -
 c) No. of HCFs closed during the year 2011 : -
 d) No. of CBWTFs closed during the year 2011 : -

11. Details on Bio-medical Waste Management Scenario :
 a) Total Bio-medical waste Generation in Kg/day :
 i. Incinerable : 2343.51
 ii. Recyclable (after autoclaving followed by shredding) : 437.39
 iii. Disposable in secured landfill/deep burial/sanitary landfill : 2780.21
 b) Total Bio-medical waste Collected in Kg/day : 5561.11
 c) Total Bio-medical waste Treated & Disposed in Kg/day : 5561.11

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 2011.

Note : Strike off whichever is not applicable.