

**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 Boards/Pollution Control Committee													M.P. Pollution Control Board, Bhopal								
Name of the Nodal Officer with contact telephone no. & mobile no.													Shri R.K. Shrivastava, S.E.								
(1) Hospitals & Nursing Homes (HCFs) in village/town/city as per Schedule VI	(2) Total no. of HCFs irrespective of no. of patients treated	(3) Total no. of Beds	(4) No. of HCFs applied for Authorisation	(5) No. of HCFs Granted Authorisation	(6) No. of HCFs having own treatment and disposal facilities	(7) Total no. of captive treatment equipment installed by the HCFs (i.e excluding CBWTF)					(8) No. of CBWTF (Please specify if a hospital treatment facility is also used by other HCF)		(9) No. of HCFs which are utilising CBWTFs	(10) Total quantity of BMW generated (kg/day)	(11) Total quantity of BMW treated (kg/day)	(12) No. of Facilities violated BMW Rules		(13) 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	CBWTFs	
						With APCD	Without APCD														
(a) Bio-medical Waste Management scenario as reported for the year 2011																					
	2579	60159	1362	1305	511	6	6	268	----	----	748	15	----	2068	8250.24	7910.72	227	----	182	----	
(b) Annual Report on Bio-medical Waste Management scenario for the year 2012 (01.01.2011to 31.12.2012)																					
A) HCFs in town with population of 30 lakhs and above	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
B) HCFs in town with population below 30 lakhs:	13	9949	12	12	02	03	01	04	---	----	04	15	2429	987	987	04	---	03	----		
(i) with 500 beds and above											41					1072.46	1072.46	02	----	02	----
ii) with 200 beds and above but less than 500 beds	34	8906	24	24	05	02	01	21	---	---						3073.11	3048.11	02	---	01	----
iii) with 50 beds and above but less than 200 beds	174	16053	111	111	24	01	01	33	----	----	114					3551.95	3331.95	216	---	165	----
iv) with less than 50 beds	1947	28352	1127	1095	386	---	01	246	---	----	468					720.63	575.21	11	---	05	----
C) All others institutions generating bio-medical waste not included in A) and B) above	495	16	192	192	169	----	01	05	---	----	170										
Total	2663	63260	1466	1434	586	06	05	309	----	----	797	15	----	2429	9405.15	9014.73	235	---	176	----	

Signature of the authorised official & seal

Station: Bhopal
Date : 19/06/2013

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

Name of the State Pollution Control Board (or) Pollution Control Committee:							Madhya Pradesh Pollution Control Board, Bhopal							
Name of the Nodal Officer with contact Telephone no. & Mobile No.:							R.K. Shrivastava, S.E							
Sr. No.	Name & Address of 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.	M/s. Elite Engineers, 48, Narmada Road, Jabalpur	Jabalpur & Katni	181	6047	600	Rs. 3/ bed/day	Incinerator:	1	100Kg/hr.	Wet Scrubber	Incineration Ash: TSDF site, Pithampur	No. of Show-Cause notices/ Direction issued:-----		
							Autoclave:	1	250 Liter/Cycle					
							Hydroclave:	----	-----					
							Microwave:	-----	-----					
							Shredder:	1	50Kg/hr.					
							ETP:	1	-----					
Deep burial:	Yes		Sharps: Sharp Pit	No. of Court Cases: -----										
Plastics: Sold to recycler	Others:-----													
2.	M/s. Krupa Wastages, Seoni	Seoni, Mandla Narsingpur Balaghat & Chhindwara			106	3825	360	Rs. 5/ bed/day	Incinerator:	1	50Kg/hr.	Wet Scrubber	Incineration Ash: Secured landfill	No. of Show-Cause notices/ Direction issued:-----
									Autoclave:	1	100Liter/Cycle			
									Hydroclave:	----	-----			
									Microwave:	-----	-----			
			Shredder:	1					50Kg/hr.					
			ETP:	1					200 Liter/Cycle					
Deep burial:	Yes		Sharps: Sharp Pit	No. of Court Cases: -----										
Plastics: Sold to recycler	Others:-----													
3.	M/s. Chandra Project, Lal Bag, Ward No. 6, Chhindwara	Chhindwara			18	174	120	---	Incinerator:	----	----	N/A	Incineration Ash: N/A	No. of Show-Cause notices/ Direction issued:-----
									Autoclave:	----	----			
									Hydroclave:	----	-----			
									Microwave:	-----	-----			
			Shredder:	----					----					
			ETP:	----					-----					
Deep burial:	Yes		Sharps:Sharp Pit	No. of Court Cases: -----										
Plastics:Sold	Others:-----													
4.	M/s. Hoswin Incinerator Pvt. Ltd., 196 A-198 B, Sector-F, Sanwer Road, Indore	Indore, Shajapur, Khandwa, Khargone, Barwani, Burhanpur, Dhar, Ujjain, Dewas,			608	9560	1300	Rs. 5/ bed/day	Incinerator:	1	250Kg/hr.	High pressure ventury scrubber, droplet separator, 30m chimney	Incineration Ash: TSDF site, Pithampur	No. of Show-Cause notices/ Direction issued:----
									Autoclave:	1	400Liter/Cycle			
									Hydroclave:	----	-----			
									Microwave:	-----	-----			
			Shredder:	3					100Kg/hr.					
			ETP:	Yes					10000Liter/Cycle					
Deep burial:	----	-----	Sharps: Sharp Pit	No. of Court Cases: -----										
Plastics: Sold to recycler	Others:-----													
5.	M/s. Indo Water Management & Pollution Control Corporation, Satna	Panna, Chhatarpur, Damoh, Rewa, Siddhi & Tikamgarh			210	4571	1108	Rs. 7/ bed/day	Incinerator:	1	100Kg/hr.	Attached APCD	Incineration Ash: Secured landfill	No. of Show-Cause notices/ Direction issued:-----
									Autoclave:	1	300 Lit./cycle			
									Hydroclave:	----	-----			
									Microwave:	-----	-----			
			Shredder:	1					40Kg/hr.					
			ETP:	U/P										
Deep burial:	Yes	-----	Sharps: Sharp Pit	No. of Court Cases: -----										
Plastics: Sold to recycler	Others:-----													

6.	M/s. M.P. Bio-Medical Waste Disposal System, Jawahar chowk, Katni	Shahdol, Anuppur & Umariya	437	1273	381.9	Rs. 8/ bed/day	Incinerator:	----	-----	N/A	Incineration Ash: N/A	No. of Show-Cause notices/ Direction issued:-----
							Autoclave:	-----	-----			
							Hydroclave:	-----	-----			
							Microwave:	-----	-----			
							Shredder:	Yes				
							ETP:	-----	-----			
							Deep burial:	Yes				
7.	M/s. Bio-Medical Waste Management System, Ratlam	Ratlam, Mandsour, Neemuch	105	2469	100	Rs. 6/ bed/day	Incinerator:	1	250 Kg/hr.	ventury scrubber	Incineration Ash: Ash pit	No. of Show-Cause notices/ Direction issued:----
							Autoclave:	1	400Litre/Cycle			
							Hydroclave:	----	----			
							Microwave:	-----	-----			
							Shredder:	1	20Kg/hr.			
							ETP:	-----	1.0cum/day			
							Deep burial:	Yes				
8.	M/s. Labco Instruments, S- 419, Sharda Trade Center, Faizabad Road, Indira Nagar, Lucknow (U.P.) (Transportation)	Vindhyanagar	01	68	20.6	Rs. 12.20/ bed/day	Incinerator:	1	50Kg/hr.	scrubber	Incineration Ash: Municipal landfill	No. of Show-Cause notices/ Direction issued:-----
							Autoclave:	1	635Liter/Cycle			
							Hydroclave:	----	-----			
							Microwave:	-----	-----			
							Shredder:	1	50Kg/hr.			
							ETP:	U/P	-----			
							Deep burial:	-----	-----			
9.	M/s. Medical Pollution Disposal Committee, Jhansi (Transportation)	Bina Town	12	74	06	Rs.6/bed/day	Incinerator:	1	150 kg/hr.	-----	Incineration Ash: Secured landfill	No. of Show-Cause notices/ Direction issued:
							Autoclave:	1	250Lit/cycle			
							Hydroclave:	-----	-----			
							Microwave:	-----	-----			
							Shredder:	1	75kg/hr			
							ETP:					
							Deep burial:					
10.	People's College of Medical Science & Research Centre, Bhopal	Bhopal	05	1750	125	Use for People's group hospitals only	Incinerator:	1	20Kg/hr.	ventury scrubber, droplet separator	Incineration Ash: Stored in Pukka Tank	No. of Show-Cause notices/ Direction issued:----
							Autoclave:	1	250Litre/Cycle			
							Hydroclave:	----	----			
							Microwave:	-----	-----			
							Shredder:	1	25 Kg/hr			
							ETP:	-----	500KLD			
							Deep burial:					
11.	Bhopal Incinerator Pvt. Ltd., 6/5 H-Sector, Industrial Area, Govindpura, Bhopal	Bhopal & Raisen	282	8064	987	Rs.6.60/bed/day(Pvt. HCFs) Rs.5.30/bed/day(Govt.HCFs) Rs.730/Month(Patology) Rs.2000/Month(Blood Bank) Rs.600/Month(Dentist)	Incinerator:	2	50 Kg/hr.& 100 Kg/hr	ventury scrubber, droplet separator	Incineration Ash: SLF, Pithampur	No. of Show-Cause notices/ Direction issued:-----
							Autoclave:	1	450Litre/Cycle			
							Hydroclave:	----	----			
							Microwave:	-----	-----			
							Shredder:	1	25Kg/hr.			
							ETP:	-----	Member of CETP			
							Deep burial:	-----	-----			

12.	Environmental Protection Corporation, Sehore	Sehore, Betul, Harda, Hoshangabad & vidisha	93	2682	550	Rs.5/bed/day	Incinerator:	1	100 Kg/hr		Incineration Ash: Stored in Pukka Tank	No. of Show-Cause notices/ Direction issued:-----
							Autoclave:	1	100Litre/Cycle			
							Hydroclave:	-----	-----			
							Microwave:	-----	-----			
							Shredder:	1	50Kg/hr.			
							ETP:	1	3.5KLD			
Deep burial:												
13.	Bundelkhand Medical College, Sagar	Sagar	19	561	35	-----	Incinerator:	-----	-----	-----	Incineration Ash:	No. of Show-Cause notices/ Direction issued:-----
							Autoclave:	-----	-----			
							Hydroclave:	-----	-----			
							Microwave:	-----	-----			
							Shredder:	1				
							ETP:					
Deep burial:	3											
14.	J.A.Group of Hospital, Gwalior	Gwalior	291	4528	840	Rs.5/bed/day Rs.500/Month(Patology) Rs.1000/Month(Blood Bank)	Incinerator:	1	100 Kg/hr	Ventury Scrubber 30mStack height	Incineration Ash: Stored in pit	No. of Show-Cause notices/ Direction issued:-----
							Autoclave:	1	120Litre/Cycle			
							Hydroclave:	-----	-----			
							Microwave:	-----	-----			
							Shredder:	1	50Kg/hr.			
							ETP:	1	5KLD			
Deep burial:												
15.	Datt Enterprises, Agra	Morena	25	469	64		Incinerator:	1	200 Kg/hr	Ventury Scrubber	Incineration Ash: Municipal landfill	No. of Show-Cause notices/ Direction issued:-----
							Autoclave:	1	100Litre/Cycle			
							Hydroclave:	1	100Kg/hr.			
							Microwave:	-----	-----			
							Shredder:	1	100Kg/hr.			
							ETP:					
Deep burial:												
										Sharp pit	No. of Court Cases: -----	
										Plastics: Sold to recycler	Others:-----	
										Sharp pit	No. of Court Cases: -----	
										Plastics: Sold to recycler	Others:-----	

Station: Bhopal
Date : 19 /06/2013

Signature of the authorized official & seal

SUMMARY SHEET ON BIO-MEDICAL WASTE MANAGEMENT

- (1) Name of the SPCBs/ PCCs & Contact person with Telephone No. /Mobile No. : R.K.Shrivastava, S.E., M.P.Pollution Control Board, Bhopal

	HCF category	No. of HCFs require authc under BMW Rules	No. of HCFs does not require authorization under BMW Rules
a)	Bedded Hospitals	2168	-----
b)	Non bedded Hospitals	495	-----
c)	Others (Veterinary Hospitals / Research Organization etc.)	-----	-----

- (2) No. of HCFs : 2663
- (3) Total No. of Beds : 63260
- (4) Status on Consents under Water Act & Air Act :
- a) No. of HCFs applied for Consents under Water & Air Acts : 05
- b) No. of HCFs obtained Consents under Water & Air Acts : 02
- c) No. of applications under consideration : 03
- d) No. of applications rejected : -----
- (5) Status on Authorization under BMW Rules : 1466
- a) No. of HCFs applied for Authorization : 1434
- b) No. of HCFs obtained Authorization : 18
- c) No. of Application under consideration : -----
- d) No. of applications rejected : -----
- (6) Details on On-site treatment equipments installed by HCFs:(enclosed 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.	586	575	1090.5	11	286.78 kg/hr.	309	441 Lit./cycle	-----	-----	-----	-----	797	95

- a) Total Bio-medical waste collected & treated by HCFs in Kg/day(on-site/captive facilities in Kg/day): 2807.65
- b) Total recyclable bio-medical waste sold off by HCFs in Kg/day : 987.87
- c) Total Bio-medical waste disposed off by HCFs in Kg/day : 1819.78