

Central Pollution Control Board
(Ministry of Environment Forest & Climate Change)
Waste Management Division
Delhi – 110032

Format for Submission of the Annual Report Information on Bio-medical Waste Management
By the SPCBs/PCCs to CPCB for the period January, 2017 to December, 2017

- (1) Name of the State Pollution Control Board / Pollution Control Committee :- Jharkhand State Pollution Control Board, Ranchi
- (2) Name of the Nodal Officer with contact telephone no. & e-mail :- Sri Dilip Kumar
Asstt. Environmental Engineer,
Mob.No.-09431585641
- (3) Total no. of HCFs :- 1086
- (i) Bedded :- 1009
- (ii) Non-bedded :- 77
- (4) Total no. of beds :- 28771
- (5) Status of authorisation
- : 1 0 30
- a) Total no. of HCFs applied for authorisation : 172
- b) Total no. of HCFs granted authorisation : 267
- c) Total no. of application under consideration : 167
- d) Total no. of application rejected :
- e) Total no. of HCFs in operation without applying for authorisation :
- (6) Quantity of Bio-medical Waste Generation (in kg/day) : 12498.04
- a) Bio-medical waste generation by bedded hospitals(in kg/day) : 11722.04
- b) Bio-medical waste generation by non-bedded hospitals (in kg/day) : 744.2554
- c) Any other : 31.784
- Total : **12498.04 in kg/day** _____
- (7) Bio-medical waste treatment & disposal :
- a) Captive bio-medical waste treatment & disposal by HCFs (please enclose details as per Annexure-I(a))

S. No.	Healthcare Facility	Treatment & Disposal				
		No. of HCFs having captive treatment facilities	Total installed captive treatment facility		Total bio-medical waste treated & disposed by captive treatment facilities in kg/day	
			Type of treatment equipment	No.	Capacity (in kg/day)	
(i)	Bedded		• Incinerator	18	1070.5	2323.164
			• Plasma Pyrolysis			
			• Autoclaves	180	1030	421.5972
			• Microwave			
			• Hydroclave	01	Not Available	Not Available
			• Shredder	213	120	504.1767
			• Sharps encapsulation or concrete pit			
			• Deep burial pits	378		2859
			• Any other treatment equipment			
(ii)	Non-		• Incinerator	N.A		

	bedded	• Plasma Pyrolysis	N.A		
		• Autoclaves	N.A	17	2363.412
		• Microwave	N.A		
		• Hydroclave	N.A		
		• Shredder	N.A	25	13.8202
		• Sharps encapsulation or concrete pit	N.A		
		• Deep burial pits	N.A	206	107.7312
		• Any other treatment equipment	N.A		
		Total (in kg/day)			8592.9903

b) Bio-medical waste treatment & disposal by CBWTFs (please enclose details as per Annexure-I (b))

Total no. of CBWTFs		Total installed treatment capacity			Total bio-medical waste treated in kg/day
In operation	Under Construction	Type of treatment equipment	No.	Total Capacity (in kg/day) Capacity of both CBWTF)	(Only one CBWTF is operative. 2 nd one has started operation on trial basis)
02(In one CBWTF commercial production has not started yet)	-	Incinerator	02	400Kg/Hr.	485 Kg
		Plasma Pyrolysis	Nil		
		Autoclave	02	200 Kg/Day	280 Kg
		Hydroclave			
		Microwave	Nil		
		Shredder	02	25 Kg/Day	122 Kg
		Sharps encapsulation or concrete pit			
		Deep burial pits	Nil		
		Any other equipment			
		Effluent Treatment Plant	02	3000 L/Day	1500 L/Day
		Total	08		2387 Kg/day

- (8) Total bio-medical waste generation : 12498.04
- (9) Total bio-medical waste treated & disposed (in kg/day) :
- By Captive Treatment Facilities by the HCFs : 8592.9903
 - By CBWTFs : 2387
- (10) Total no. of violation by:
- HCFs : NA
 - CBWTFs : NA
- (11) Show cause notices/directions issued to defaulters:
- HCFs : 701
 - CBWTFs : 01
- (12) Any other relevant information:
- a) No. of workshops / trainings conducted during the year : 01
 - b) No. of HCFs installed liquid waste treatment facility : Nil
 - c) No. of captive incinerators complying to the norms : 13
 - d) No. of HCFs organised trainings : Nil
 - e) No. of HCFs constituted Bio-medical Waste Management Committees : Nil
 - f) No. of HCFs submitted Annual Report : 143
 - g) No. of HCFs practising pre-treatment of lab microbiology & Bio-technology waste : Nil



JHARKHAND STATE POLLUTION CONTROL BOARD
T.A Division Building (Ground Floor) HEC Campus, Dhurwa, Ranchi- 834004.
Phone No:-0651- 2400852, 2400851, Fax No:- 2400850.
Web Site:www.jspcb.nic.in

Ref. No-----

Ranchi, Dated-----

From

**Member Secretary
Jharkhand State Pollution Control Board,Ranchi**

To

**Sri Vinod Babu
Divisional Head,WMD-1
Central Pollution Control Board
Parivesh Bhawan, Esat Arjun Nagar
Delhi-110032**

Sub:- Annual Report on Bio-Medical Waste Management for the year-2017- Reg.

With reference to the subject noted above please find enclosed herewith Annual Report on Bio-Medical Waste Management for the year 2017 for your kind perusal

electricity.

Encl.-A/A

Yours faithfully

(Rajeev Lochan Baksi)
Member Secretary

Corrected

Central Pollution Control Board
(Ministry of Environment Forest & Climate Change)
Waste Management Division
Delhi – 110032

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