

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai-400 022.

No. MPCB/PSO/Lab/B- 188

Date: 15/02/2017.

To,
Shri.B Vinod Babu
AD & I/c.HWMD,
Central Pollution Control Board
Parivesh Bhavan,
East Arjun Nagar,
Delhi - 110 032.

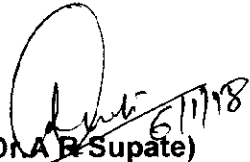
Kind Attn: Shri.Chandrababu

Sub: Submission of Annual Report of 2016 under Bio-Medical Waste Rules.

**Reff: Your letter No.B-31011/BMW(2.21)/2017/HWMD/6972 dtd.16.06.2017
received on 12.07.2017.**

With reference to the above subject matter, please find enclosed herewith Annual Report of Bio-Medical Waste for the year 2016.

This is issued with the approval of Member Secretary, MPCB.


(D.A.B. Supate)
Principal Scientific Officer,

Encl: As above

Copy submitted to: Member Secretary, MPCB – for information.

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, 2016 to December, 2016**

(1) Name of the State Pollution Control Board/Pollution Control Committee:	Maharashtra Pollution Control Board
(2) Name of the Nodal Officer with contact telephone no. & e-mail	: Dr.A .R. Supate, Principal Scientific Officer MPC Board, Mumbai 9869440164, email : pso@mpcb.gov.in
(3) Total no. of HCFs	: 52704.00
(i) Bedded	: 20225.00
(ii) Non-Bedded	: 32479.00
(4) Total no. of beds	: 251948.00
(5) Status of authorization	:
a) Total no. of HCFs applied for authorization	: 19622.00
b) Total no. of HCFs granted authorization	: 19197.00
c) Total no. of application under consideration	: 279.00
d) Total no. of application rejected	: 2.00
e) Total no. of HCFs in operation without applying for authorization	: 50.00
Quantity of Bio-medical Waste Generation (in kg/day)	:
a) Bio-medical waste generation by bedded hospitals (in kg/day)	: 57772.70
b) Bio-medical waste generation by non-bedded hospitals (in kg/day)	: 13667.70
c) Any Other	: 70.805
Total in kg/day 71511.500	

7) Bio-medical waste treatment & disposal

a) Captive Bio-medical waste treatment & disposal by HCFs (please enclose details as per annexure 1(a))

Sr.No.	Healthcare Facility	Treatment & Disposal				Total bio-medical waste treated & disposed by captive treatment facilities in kg/day
		No. of HCFs having captive treatment facilities	Total installed captive treatment facility			
			Type of treatment equipment	No.	Capacity (in kg/day)	
(i)	Bedded	310	*Incinerator	6	1780	810.56
			*Plasma Pyrolysis	0	0	0
			*Autoclave	215	1455.3	450.3
			*Hydroclave	0	0	0
			*Microwave	1	80	6
			*Shredder	5	1372	18
			*Sharps encapsulation or concrete pit	0	0	0
			*Deep burial pits	452	1514.52	2459.571
			*Any other equipment	0	0	0
(ii)	Non Bedded		*Incinerator	0	0	0
			*Plasma Pyrolysis	0	0	0
			*Autoclave	0	0	0
			*Hydroclave	0	0	0
			*Microwave	0	0	0
			*Shredder	0	0	0
			*Sharps encapsulation or concrete pit	0	0	0
		3693	*Deep burial pits	3693		1866
			*Any other equipment	0	0	0
					Total	5610.431

7) Bio-medical waste treatment & disposal

b) Bio-medical waste treatment & disposal byCBWTFs (please enclose details as per annexure 1(b))

Total no.of CBWTFs		Total installed treatment capacity			Total bio-medical waste treated in kg/day
In Operation	Under Operation	Type of treatment equipment	No.	Total capacity (in kg/day)	
37		* Incinerator	35	86740	42334.46
		* Plasma Pyrolysis	0	0	0
		* Autoclave	37	14120	9357.56
		* Hydroclave	0	0	0
		* Microwave	0	0	0
		* Shredder	42	91840	12518.96
		* Sharps encapsulation or concrete pit	10	2100	117.9
		* Deep burial pits	5	55359	349.31
		* Any other equipment	0	0	10
		Effluent treatment plant	23	81513.2	1212.84
					65901.03

Sr. No.		
8	Total bio-medical waste generation	71511.5
9	Total bio medical waste treated & disposed (in kg/day)	71511.5
	. By Captive Treatment Facilities by the HCFs	5610.431
	. By CBWTFs	65901.03
10	Total no. of violation by	
	. HCFs	5
	.CBWTFs	43
11	Show cause notices/directions issued to defaulters	
	. HCFs	295
	. CBWTFs	9
12	Any other relevant information	
a	No. of workshops/trainings conducted during the year	70
b	No. of HCFs installed liquid waste treatment facility	111
c	No. of captive incinerators complying to the norms	7
d	No. of HCFs organized trainings	36
e	No. of HCFs constituted Bio-medical Waste Management Committes	56
f	No. of HCFs submitted Annual Report	7142
g	No. of HCFs practising pre-treatment of lab microbiology and Bio-technology waste	81

a) Information on HCFs having captive treatment facilities (for the year 2016) Annexure-1

S.No.	Name & address of the HCF	Quantity of Bio-Medical Waste generation (in kg/day)				Total bio-medical waste generated (in kg/day)	Total installed treatment capacity in kg/day				Total bio-medical waste treated in kg/day				
		Yellow	Red	Blue	White		Incinerator	Autoclave	Deep Burial	Any other	Incineration	Autoclave Deep Burial Any other Total			
1	List enclosed at Annxure-1-A	2374.503	782.237	562.3	261.471	5610.431	1760	1167.3	3535.5	24	810.56	450.3	4325.571	24	5610.431

