MAHARASHATRA POLLUTION CONTROL BOARD
Regional Office Mumbai

Phone : 022 -25505928

Fax : 022-25505926

Email : romumbai@mpcb.gov.in
Visit At : http://mpcb.gov.in

1st floor ,Kalpataru Point
Sion Circle,Sion (East),
Mumbai- 400 022

LETTER OF BIO-MEDICAL WASTE AUTHORISATION

[Authorisation for Generation, Collection, Reception, Segregation, Storage of Bio-Medical Wastes under Rule 10]

I. File number of authorization and date of issue
RO Mumbai /BMW-Auth/1906000044 *Date: 04/06/2019*

II. **M/s MATUSHREE GOMATI HOSPITAL** is hereby granted an Authorization for Generation of biomedical waste on the premises situated at, **Shram,63/64,Lokmanya Tilak Nagar,Road No.4,M.G.Road,Goregaon West,Mumbai-400104**

III. This authorization shall be in force for a period upto 31.03.2021 An application shall be made by the occupier/operator for renewal 3 Months before expiry of earlier Authorization.

IV. This authorization is issued subject to compliance of the conditions stated below and to such other conditions as may be specified in the Rules for the time being in force under the Environment (Protection) Act, 1986.

V. No of Beds: .30 nos

Terms and Conditions of authorization

1. The authorized Person shall comply with the provisions of the Environment (Protection) Act, 1986, and the Rules made there under.
2. The authorisation shall be produced for inspection at the request of an officer authorized by the prescribed authority.
3. i) The authorized person shall not rent, lend or sell the biomedical waste or facility.
   ii) The authorized person can transfer the BMW generated at above premises to the "Transporter" or "Operator of Facility" authorized by MPCB under Bio-Medical Waste (Management and Handling) Rules, 2016 for collection, transportation, treatment and/or disposal of BMW generated.
4. Any unauthorized change in equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this authorization.
5. It is the duty of the authorized person to take prior permission of the prescribed authority to close down the facility.
6. Treatment and disposal of Bio-medical waste generated from Hospital to --CBMWTSDF.The authorization is granted for generation and disposal of Bio-Medical

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Waste (BMW) to CBMWTSDF in waste categories and quantities listed here in below :

Sr. No.	Catagory	Type of waste	Qty not to exceeds Kg/M	Segregation coding colour	Treatment & Disposal
1.	Yellow	(a)Human Anatomical Waste	10.0	Yellow coloured non- chlorinated plastic bag.	No onsite treatment of BMW is permitted .The above mentioned Bio medical Waste shall be sent to Common BMW Treatment & Disposal facility authorized by MPCB i.e SMS Envoclean Pvt. Ltd.
		(b)Animal Anatomical Waste	...		
		(c)soiled waste –item contaminated - with blood)	15.0		
		(d)Expired or discarded medicines	....		
		(e)Chemical waste	....		
		(f)Chemical liquid waste.	100	Separate collection system leading to effluent treatment system	After resource recovery, Liquid waste shall be drain in to the MCGM after pretreatment or shall be sent to CHWTSDF authorized by MPCB.
		(g)Discarded linen, mattress beddings contaminated with blood& body fluid	1.0	Yellow coloured non- chlorinated plastic bag or suitable packing material	No onsite treatment of BMW is permitted .The above mentioned Bio medical Waste shall be sent to Common BMW Treatment & Disposal facility authorized by MPCB i.e SMS Envoclean Pvt. Ltd.
		(f)Microbiology & Biotechnology & other clinical laboratory waste	..	Autoclave safe plastic bag or containers	
2.	Red	Contaminated waste (Recyclable)	2.0	Red coloured non-chlorinated plastic bag or container.	
3.	White (Transluce nt)	Waste Sharps including Metals	2.0	Puncture proof leak proof ,tamper proof container	
4.	Blue	a)Glassware sharps including metals b)Metallic body implants	2.0	Cardboard boxes with blue colored marking	

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7. The liquid/solid waste generated from the treatment activity (from laboratory and washing, cleaning, housekeeping and disinfecting activities) shall be treated suitably by providing effluent treatment facility to conform the standards prescribed in Schedule I of said Rules and the Environment (Protection) Act, 1986.

8. (i) BMW shall be treated and disposed of in accordance with Schedule I; and in compliance with the standards prescribed in Schedule V of said Rules.

(ii) You shall setup requisite BMW treatment facilities like incinerator, autoclave / Microwave, shredder etc., at the disposal side in accordance with the BMW rules. You shall disposed of the duly treated BMW and incineration ash in secured land fill site at your own premises / at MSW secured land fill site of Municipal Council authorized by MPCB and duly earmarked for disposal of treated BMW / at common HW treatment & disposal facility setup as per the Hazardous Waste (MH& TM) Rules, 2008 as amended and authorized by MPCB.

9. (i) BMW shall not be mixed with other wastes or reused, recycled or sold in any form.

(ii) BMW shall be segregated into containers / bags at the point of generation in accordance with Schedule-I prior to storage, treatment and disposal. The containers shall be labeled according to Schedule IV.

(iii) If a container containing BMW is to be transported from the premises where BMW is generated to any waste treatment facility outside the premises, the container shall, apart from the Label prescribed in Schedule IV{rule 8(3)and (5)} also carry information prescribed in Schedule IV(part B) and shall be transported by authorized Transporter only.

(iv) Notwithstanding anything contained in the Motor Vehicles Act, 1988 or Rules there under, BMW shall be transported only in such vehicle as may be authorized for the purpose by the competent authority as specified by the Government.

(v) No BMW shall be mixed with other waste.

(vi) No untreated BMW shall be kept stored beyond a period of 48 hours.

10. **Standards for waste autoclaving:**

The autoclave should be dedicated for the purposes of disinfecting and treating bio-medical waste.

(I) When operating a gravity flow autoclave, medical waste shall be subjected to:

(i) a temperature of not less than 121 C° and pressure of 15 pounds per Square inch (psi) for an autoclave residence time of not less than 60 minutes; or

(ii) a temperature of not less than 135 C° and a pressure of 31 psi for an autoclave residence time of not less than 45 minutes; or

(iii) a temperature of not less than 149 C° and a pressure of 52 psi for an autoclave residence time of not less than 30 minutes.

(II) When operating a vacuum autoclave, medical waste shall be subjected to a minimum of one pre-vacuum pulse to purge the autoclave of all air. The waste shall be subjected to the following.

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(i) a temperature of not less than 121 C° and a pressure of 15 psi for an autoclave residence time of not less than 45 minutes; or

(ii) a temperature of not less than 135 C° and a pressure of 31 psi for an autoclave residence time of not less than 30 minutes; or

(II) Medical waste shall not be considered properly treated unless the time, temperature and pressure indicators indicate that the required time, temperature and pressure were reached during the autoclave process. If for any reasons, time temperature or pressure indicates that the required temperature, pressure or residence time was not reached, the entire load of medical waste must be autoclaved again until the proper temperature, pressure and residence time were achieved.

(IV) *Recording of operational parameters,*- Each autoclave shall have graphic or computer recording devices which will automatically and continuously monitor and record dates, time of day, load identification number and operating parameters throughout the entire length of the autoclave cycle.

(V) *Validation test: Spore testing.* – The autoclave should completely and consistently kill the approved biological indicator at the maximum design capacity of each autoclave unit. Biological indicator for autoclave shall be Bacillus stearothermophilus spores using vials or spore strips, with at least 1x 10^4 spores per milliliter. Under no circumstances will an autoclave have minimum operating parameters less than a residence time of 30 minutes, regardless of temperature and pressure, a temperature less than 121 C° or a pressure, less than 15 psi.

(VI) Routine Test.—A chemical indicator strip/tape that changes color when a certain temperature is reached can be used to verify that a specific temperature has been achieved. It may be necessary to use more that one strip over the waste package at different location to ensure that the inner content of the package has been adequately autoclaved.

11. Every 'Authorized Person' shall submit an **Annual Report to the prescribed authority in Form-IV by 30th June every year** including information about the categories and quantities of BMW handled during the preceding year.

12. (i) Every Authorized Person' shall maintain records related to the generation, collection, reception, storage, transportation, treatment, disposal and/or any form of handling of BMW in accordance with these Rules and any guidelines issued.

(ii) All records shall be subject to inspection and verification by the prescribed authority at any time.

13. When any **accident occurs at any institution or facility or any other site** where BMW is handled or during transportation of such waste, the authorized person shall report the accident in Form I {see rule 4(o),5(i)and15(2)} to the prescribed authority forthwith.

14. The Occupier will obey all the lawful instructions issued by the Board Officers from time to time.

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15. This authorization is valid only subject to validity of membership of CBMWTSDF and validity of Certificate of registration under Maharashtra (Bombay) Nursing Homes Registration Act, 1949 whichever is earlier.

16. HCE shall obtain combine consent under Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981.

17. This is issued subject to submission of application to obtained combined consent under the provisions of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 and Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules 2008 amended there to.

18. This authorization shall not construed as any exemption from obtaining necessary NOC from other Govt. agencies as may deemed fit necessary.

19. You shall submit details of Management and Handling of outdated, discarded, unused Cytotoxic drugs generated in the Cancer centers, research and health care in the format prescribed by CPCB which is available on www.cpcb.nic.in along with Annual Report to MPCB with a copy to CPCB before 31" June every year.

19. You shall manage the Mercury Waste in the HCE in environmentally sound manner (including storage, spilled collection, transportation and disposal) as per CPCB guidelines published on CPCB website www.cpcb.nic.in dated: 07.09.2010 as detailed in document entitled "Environmentally Sound Management of Mercury Waste in Health Care Facilities.

For and on behalf of the
Maharashtra Pollution Control Board

(Dr. J.B.Sangewar)
Regional Officer, Mumbai

To,
M/s MATUSHREE GOMATI HOSPITAL
Masiha Islampura CHS, Shram,
63/64 Lokmanya Tilak Nagar,Road No.4,
M.G.Road,Goregaon West,Mumbai-400104

Authorization Fees Received:-

Sr. No.	Amount	D.D. No.	Date	Drawn On
1.	2500/-	TXN1904000351	03.04. 2019	----
2.	5000/-	TXN1904000235	03.06. 2019	----

Copy to:- Sub Regional Officer Mumbai-2 , MPCB, Mumbai .

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