

# MAHARASHTRA POLLUTION CONTROL BOARD

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## LETTER OF BIO-MEDICAL WASTE AUTHORISATION

[Authorisation for Generation, Collection, Storage of Bio-Medical Wastes under Rule 7(4)]

NO. MPCB/PSO/BMW/Mumbai/2013- 74

Dated : 02.7.2013

- I. File number of authorisation and date of issue
- II. **Kasturba Hospital, Mumbai** is hereby granted an authorisation for generation of biomedical waste on the premises situated at **Sane Guruji Marg, Mumbai -400011.**
- III. This authorisation is renewed w.e.f. **31.10.2012** and shall remain valid for a period up to shall be in force for a period up to **30.10.2015.** An application shall be made by the occupier/operator for renewal **3 Months** before expiry of earlier authorisation.
- IV. This authorisation 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: **515 (Five Hundred and fifteen only)**

### Terms and Conditions of authorisation

1. The "authorized Person" Chief Medical Superintendent, Kasturba Hospital, Mumbai 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 i.e. Member Secretary, MPCB.
3. Any unauthorized change in equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this authorisation.

NO. MPCB/PSO/BMW/Mumbai/2013- 74

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4. The authorisation is granted for generation and disposal of Bio-Medical Waste (BMW) in waste categories and quantities listed here in below :

Sr. No.	Category	Description	Quantity not to exceed (Kg/M)	Segregation Colour coding	Treatment & Disposal
1	Cat -1	Human Anatomical waste	Nil	Yellow	Incineration
2	Cat-3	Microbiology & Biotechnology Waste	300	Yellow	Incineration
3	Cat-4	Waste Sharps	270	Blue / white translucent	Disinfection (chemical treatment) and mutilation / shredding
4	Cat-5	Discarded Medicines and Cytotoxic drugs	Nil	Yellow	Incineration
5	Cat-6	Soiled Waste	Nil	Yellow	Incineration
6	Cat-7	Solid Waste	Nil	Red.	Disinfection (chemical treatment) autoclaving / and mutilation / shredding
No onsite treatment of BMW is permitted. The above mentioned Bio medical Waste shall be sent to Common BMW Treatment & Disposal facility authorised by MPCB i.e. M/s. SMS Envoclean Pvt. Ltd., Deonar, Mumbai					

5. 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 V of said Rules and the Environment (Protection) Act, 1986.
6. (i) BMW shall not be mixed with other wastes or reused or sold in any form.
- (ii) BMW shall be segregated into containers / bags at the point of generation in accordance with Schedule-II prior to storage, treatment and disposal. The containers shall be labeled according to Schedule III of BMW Rules 1998.
- (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 III, also carry information prescribed in Schedule IV 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 untreated BMW shall be kept stored beyond a period of 48 hours.
  - (vi) Necessary protective gear for the waste handlers shall be provided by the hospital authority.
  - (vii) You shall ensure proper collection of mercury spillage arising mainly due to breakage of thermometers pressure gauges (Sphygmomanometers) other equipments used in health care facilities (HCFs) as well as its storage in accordance with the Hazardous waste (Management & Handling) Rules (presently these Rules has to be read as 'Hazardous Waste (Management & Handling and Transboundary Movement) Rules, 2008) and returning it to the instrument manufacturers apart from necessary taking steps to ensure that the spilled mercury does not become a part of bio-medical or other solid wastes generated from the HCFs.
  - (viii) Authorised person shall obtain prior permission from MPCB for generation & disposal, if Bio-Medical waste quantity of category specified exceed the limits authorized at condition No. 4. above
7. (i) You shall submit an Annual Report to the prescribed authority in Form-II by 31<sup>st</sup> January every year including information about the categories and quantities of BMW handled during the preceding year.
- (ii) You 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.
- (iii) All records shall be subject to inspection and verification by the prescribed authority at any time.
8. 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 III to the prescribed authority forthwith.
9. This authorization is issued subject to condition as mentioned below,
- (i) To submit Bank Guarantee of Rs. 3.25 Lakhs towards compliance of condition mentioned at Annexure – A valid for three years.



- (ii) You shall submit compliance of each Bank Guarantee conditions every six months to Regional Officer, Mumbai for verification purpose.
  - (iii) You shall provide Annual report in Form -II duly certified by facility operator.
  - (iv) You shall submit detail regarding installation of Effluent Treatment Plant.
  - (v) You shall obtain Consent to operate from Board under Water (P & CP) Act, 1974 and Air (P & CP) Act, 1981, forthwith.
10. The Occupier will obey all the lawful instructions issued by the Board Officers from time to time.

sd/-  
(Rajeev Kumar Mital)  
Member Secretary  
and  
Prescribed Authority

(Dr. A. R. Supate)  
Principal Scientific Officer

To  
Kasturba Hospital,  
Sane Guruji Marg,  
Mumbai -400011.

Authorization Fees Received:-

Sr. No.	Amount	DD. No.	Date	Drawn On
1	45000	106195	21.01.2013	SBI

Copy to:-

1. ~~Principal Scientific Officer, MPCB - for information and necessary action.~~
2. Chief Accounts Officer, MPCB Board Mumbai - for information.
3. Regional Officer, MPCB, Mumbai- for information and necessary compliance of the condition mentioned in the authorization. He is also directed to ensure the timely compliance of condition No. 9, regarding Bank Guarantee, compliance and obtaining consent application and report to PSO.
4. Sub Regional Officer, MPCB, Mumbai -I - for information and n.a.

Annexure -A

Statement of conditions to be complied and Bank Guarantee imposed to ensure timely compliance to be observed by **Kasturba Hospital, Mumbai.**

Sr. No.	Activity / Condition to be Complied	Compliance Timeline (Months)	Bank Guarantee Amount
<b>I (A)</b>	<b>Operation and Maintenance</b>		
1	To Segregate and Handle BMW as per Rule	Continuous	1,00,000
2	Operation and Maintenance of ETP to achieve prescribed discharged standards	Continuous	1,00,000
<b>I (B)</b>	<b>Records</b>		
1	To Maintain records of BMW and submission of Annual Report in Form -II before 31 <sup>st</sup> January	Continuous	25,000
2	To maintain records of BMW material delivered to CBMWTSDF (Transporters only)	Continuous	25,000
<b>II</b>	<b>Performance</b>		
1	To provide Separate BMW storage facility	Six	75,000
		<b>Total,</b>	<b>3,25,000/-</b>
<b>Rupees Three Lakh Twenty Five Thousand only</b>			

sd/-

(Rajeev Kumar Mital)  
Member Secretary  
and  
Prescribed Authority

(Dr. A. R. Supate)  
Principal Scientific Officer