

MAHARASHTRA POLLUTION CONTROL BOARD

Sub-Regional Office, Mumbai - II

Phone :- (022)-22640346

Fax :- (022)-22640345

E-mail :- mpcbmumbai@mpcb.gov.in

Website :- <http://mpcb.gov.in>



216, A-Wing, Second Floor,
Raikar Chamber,
Govandi Gaon Road,
Govandi (E),
Mumbai- 400 080

LETTER OF BIO-MEDICAL WASTE AUTHORISATION

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

- I. File number of authorisation and date of issue
SRO-MUMBAI II/BMW_AUTH/1903000415 Date – 07.03.2019
- II M/s. Adarsh Nursing Home, is hereby granted an authorization for generation of biomedical waste on the premises situated at 1-2, Bhoraj Annex, Hardevi Society, Caves Road, Jogeswari (E) Mumbai-400060
- III. This authorisation shall be in force for a period up to 30.11.2021. 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 :- 16

Terms and Conditions of authorisation

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.
 - 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, 1998 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 authorisation.
5. It is the duty of the authorized person to take prior permission of the prescribed authority to close down the facility.
6. The authorisation is granted for generation of Bio-Medical Waste (BMW) in waste categories and quantities listed here in below :

Sr. No.	Category	Quantity	UOM	Treatment & Disposal
1	Cat-1 Human Anatomical Waste	3.0	Kg/M	Bio Medical Waste shall be sent to Common BMW Treatment & Disposal facility authorised by Maharashtra Pollution Control Board
2	Cat-4 Waste Sharps	3.0	Kg/M	
3	Cat-6 Solid Waste	5.0	Kg/M	
4	Cat-7 Solid Waste (Items contaminated with Blood)	5.0	Kg/M	

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 V 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 H.W. treatment & disposal facility setup as per the Hazardous Waste (M & H) Rules, 1989 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-II prior to storage, treatment and disposal. The containers shall be labeled according to Schedule III.
(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.



III. 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 133 C° and a pressure of 30 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:

- (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 133 C° and a pressure of 30 psi for an autoclave residence time of not less than 30 minutes; or

(III) Medical waste shall not be considered properly treated unless the time, temperature and pressure indicators indicate that the required time, temperature and pressure were achieved during the autoclave process. If the time, temperature and pressure indicators indicate that the required time, temperature and pressure was not reached, the entire load of medical waste must be re-treated until the proper temperature, pressure and time were achieved.

(IV) Recording of cycle parameters. Each autoclave shall have graphic or computer assisted records which will automatically and continuously record cycle start time, end of cycle, cycle identification number and cycle length throughout the entire length of the autoclave cycle.

(V) Autoclave load specifications. - The autoclave should completely and adequately fill the available available volume at the maximum design capacity of each autoclave unit. Autoclaves should be designed to have a maximum temperature of 149 C° and a pressure of 52 psi. Autoclaves should be designed to have a minimum temperature of 121 C° and a pressure of 15 psi.

(VI) Autoclave safety. - Autoclaves should be designed to have a safety system which will automatically shut down the autoclave if a safety system has been triggered. It shall be designed to have a safety system which will automatically shut down the autoclave if a safety system has been triggered.

11. Every 'Authorized Person' shall submit an Annual Report to the prescribed authority in Form-II by 31st January 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 III to the prescribed authority forthwith.
14. The Occupier will obey all the lawful instructions issued by the Board Officers from time to time.

For and on behalf of the
Maharashtra Pollution Control Board



(S.H. Padwal)
Sub-Regional Officer, Mumbai-II

To,

M/s. Adarsh Nursing Home,
1-2, Boraj, Annex, Hardevi Society,
Caves Road, Jogeswari (E) Mumbai- 400060

Received Authorization fee:-

Sr. No.	Amount (Rs.)	Transaction Number	Transaction Date
1.	3750/-	TXN1902001354	14.02.2019

Copy Submitted to:-

1. Regional Officer, MPCB, Mumbai.