

SCHEDULE I

(See Rule 5)

CATEGORIES OF BIO-MEDICAL WASTE

¹ [Waste Category No.]	Waste Category ² [Type]	Treatment and Disposal ³ [Option +]
Category No.1	Human Anatomical Waste (human tissues, organs, body parts)	Incineration [@] /deep burial*
Category No.2	Animal Waste (animal tissues, organs, body parts carcasses, bleeding parts, fluid, blood and experimental animals used in research, waste generated by veterinary hospitals, colleges, discharge from hospitals, animal houses)	Incineration [@] /deep burial*
Category No.3	Microbiology & Biotechnology Wastes (Wastes from laboratory cultures, stocks or specimens of micro-organisms live or attenuated vaccines, human and animal cell culture used in research and infectious agents from research and industrial laboratories, wastes from production of bio-logicals, toxins, dishes and devices used for transfer of cultures)	local autoclaving/microwaving/incineration [@]
Category No.4	Waste sharps (needles, syringes, scalpels, blades, glass etc. that may cause puncture and cuts. This includes both used and unused sharps)	disinfection (chemical treatment ^{@@} /auto claving/microwaving and multilation /shredding ##
Category No.5	Discarded Medicines and Cytotoxic drugs (wastes comprising of outdated, contaminated and discarded medicines)	incineration [@] /destruction and drugs disposal in secured landfills
Category No.6	⁴ [Soiled] Waste (Items contaminated with blood, and body fluids including cotton, dressings, soiled plaster casts, lines beddings, other	incineration @ autoclaving/microwaving

¹ Substituted by Rule 9 (i) of the Bio-Medical Waste (M & H) (Second Amendment) Rules, 2000 notified vide S.O.545(E), dated 2.6.2000.

² Added by Rule 9(ii), ibid.

³ Substituted by Rule 9 (iii), ibid.

⁴ Substituted by rule 9(iv), ibid.

	material contaminated with blood)	
Category No.7	Solid Waste (wastes generated from disposable items other than the waste ⁵ [sharps] such as tubing's, catheters, intravenous sets etc.)	disinfection by chemical treatment@@ autoclaving/microwaving and mutilation/shredding##
Category No.8	Liquid Waste (waste generated from laboratory and washing, cleaning, house-keeping and disinfecting activities)	disinfection by chemical treatment @@ and discharge into drains.
Category No.9	Incineration Ash (ash from incineration of any bio-medical waste)	disposal in municipal landfill
Category No.10	Chemical Waste (Chemicals used in production of biologicals, chemicals used in disinfection, as insecticides etc.)	Chemical treatment @@ and discharge into drains for liquids and secured landfill for solids

@@ Chemicals treatment using at least 1% hypochlorite solution or any other equivalent chemical reagent. It must be ensured that chemical treatment ensures disinfection.

Mutilation/shredding must be such so as to prevent unauthorized reuse.

@ There will be no chemical pretreatment before incineration. Chlorinated plastics shall not be incinerated.

* Deep burial shall be an option available only in towns with population less than five lakhs and in rural areas.

⁶[+ Options given above are based on available technologies. Occupier/operator wishing to use other State-of-the-art technologies shall approach the Central Pollution Control Board to get the standards laid down to enable the prescribed authority to consider grant of authorization].

⁵ Substituted by Rule 9 (v) of the Bio-Medical Waste (M & H) (Second Amendment) Rules, 2000 notified vide S.O.545(E), dated 2.6.2000.

⁶ Substituted by Rule 9 (iii) of the Bio-Medical Waste (M& H) (Second Amendment) Rules, 2000 notified vide S.O.545 (E), dated 2.6.2000.