

SCHEDULE I

(See Rule 5)

CATEGORIES OF BIO-MEDICAL WASTES

Waste Category No.	Waste Category Type	Treatment and disposal [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, discharged from hospitals, animal houses)	Incineration [@] /deep burial *
Category No.3	Microbiology & Biotechnology Wastes (wastes from laboratory cultures, stocks or specimens or 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 biologicals, 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 by chemical treatment ^{@@} / autoclaving / microwaving and mutilation/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Category No.5	Discarded medicines and Cytotoxic drugs (wastes comprising of outdated, contaminated and discarded medicines)	Incineration [@] /destruction and drugs disposal in secured landfills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	Soiled Waste (items contaminated with blood, and body fluids including cotton, dressings, soiled plaster casts, lines beddings, other material contaminated with blood)	Incineration [@] / autoclaving/ microwaving
Category No.7	Solid Waste (wastes generated from disposal items other than the waste sharps such as tubings, 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

NOTE:

- @@ Chemical treatment using at least 1% hypochlorite solution or any other equivalent chemical I 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.
- + 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 authorisation.