

- ✓ A biohazard symbol must be posted at the entrance to the laboratory when infectious agents are present preferably including the bio-safety level.
- ✓ Restricted access to the laboratory when work is carried out.
- ✓ A safety cabinet for microbiology work and equipment for contained work must be available.
- ✓ Protective laboratory coats and gloves must be worn while working with hazardous materials. Eye and face protection like goggles and face-mask must be available if needed.
- ✓ Bench tops must be impervious to water and resistant to heat, organic solvents, acids, alkalis or other chemicals and easy to clean. Chairs must be covered with a non-porous material that can be easily cleaned and decontaminated with appropriate disinfectant. Laboratory- windows that open to the exterior are not recommended.
- ✓ Laboratory personnel must receive appropriate training regarding the procedures and their duties.
- ✓ Evaluation of exposure procedures, with a potential for creating infectious aerosols, or splashes must be done before the work starts. These may include pipetting, centrifuging, grinding, blending, shaking, mixing, sonicating, opening containers of infectious materials etc. The necessary precautions to prevent exposures must be taken, and all procedures must be performed to minimize the creation of aerosols or splashes.
- ✓ There must be an autoclave available in the building.
- ✓ Decontaminate all cultures, stocks, and other potentially infectious materials before disposal, using an effective method. Materials to be decontaminated outside of the immediate laboratory must be placed in durable, leak proof containers and secured for transport.
- ✓ Spills involving infectious materials must be contained, decontaminated, and cleaned up properly. Equipment must be decontaminated before repair, maintenance, or removal from the laboratory.
- ✓ Decontaminate work surfaces after completion of work and after any spill or splash of potentially infectious material with appropriate disinfectant.
- ✓ Control of vectors to discover rodents or insects.
- ✓ Meet a demand/requirement for appropriate footwear.