

GENERAL

Personnel to be trained on the relevant components of the:

- Biosafety Manual
- Standard Operating Procedures (SOPs)
- Emergency Response Plans (ERPs)

LABORATORY ASSOCIATED INFECTIONS

Personnel to be trained on the potential hazards associated with the work involved, including the signs and symptoms of disease(s) caused by the infectious materials or toxins in use and the necessary precautions to prevent exposure to, or release of, pathogens or toxins.

- Biohazard triangle diagram
- Laboratory acquired infections
- Bloodborne pathogens
- Universal precautions
- Post exposure procedures

CLASSIFICATION OF BIOHAZARDS

- Risk Groups 1, 2, 3, 4
- Personnel working with animals to be trained in restraint and handling techniques

OPERATIONAL PRACTICES

- Administrative controls
- Containment zone
- Personal protective equipment (PPE)
 - Types and selection of PPE
 - Use of PPE (donning and doffing)
 - Maintenance of PPE
- Good microbiological practices

CONTAINMENT AND ENGINEERING CONTROLS

- Biological Safety Cabinets (BSC)
 - Safe use of BSCs

WASTE MANAGEMENT

- Biomedical waste
 - Transportation, storage, record-keeping, and holding guidelines for biomedical waste
- Decontamination systems (e.g., autoclaves, chemical disinfection)
 - Proper operational practices

REGULATIONS

- Regulated activities
 - PHAC, CFIA
 - Handling, storage, record-keeping, and holding guidelines for biomedical waste
- Transportation of biohazardous material

Additional or refresher training to be provided as determined by the review process or when warranted by a change in the biosafety program.