



ENVIRONMENTAL HEALTH & SAFETY

UNIVERSITY of WASHINGTON

Research and Occupational Safety

Biological Safety Level 2 (BSL-2) Inspection Checklist

PI:
Lab Contact:
Room(s):
Inspected by:
Date:
Agents:

References:

- [CDC/NIH Biosafety in Microbiological and Biomedical Laboratories \(BMBL\)](#)
- [NIH Guidelines for Research Involving Recombinant or Synthetic Nucleic Acid Molecules](#)
- [Washington State Bloodborne Pathogen Regulations](#)
- [UW Biosafety Manual](#)

Hazard Communication				Notes
A Biohazard sign is posted on the door when potentially infectious agents are in use.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Exposure Response Poster is in lab; lab staff is aware of proper procedures.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
A lab-specific BBP Exposure Control Plan is in place if working with bloodborne pathogens?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Facility				
Able to limit access to lab during BSL-2 work.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
A hand-washing sink is available when exiting the lab.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Lab is designed to be easily cleaned (no rugs or carpet, well organized, uncluttered).	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Bench tops are impervious to water; chairs are covered with non-fabric material.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
An eye wash is readily available (within 10seconds/50ft, unobstructed).	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Lighting is adequate for all activities.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Lab adheres to UW hallway/corridor policy .	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
If a lab has windows that open, they are fitted with fly screens.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Exposure Control				
Smoking, chewing gum, handling contacts, applying cosmetics is not allowed in lab. No food or drinks consumed or stored in the lab.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Appropriate PPE (personal protective equipment) is readily available.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Laboratory personnel are offered appropriate immunizations (e.g. Hepatitis B).	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	

Policies for the safe handling and disposal of sharps are in place.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Decontamination procedures of laboratory surfaces and equipment are followed.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Vacuum lines are protected with liquid disinfectant traps .	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Potentially infectious material is autoclaved or otherwise decontaminated prior to disposal.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Autoclaves biohazardous waste on-site prior to disposal following regulations? (site-specific SOP, biological indicator, Thermalog-S or Steriscan chemical integrator, autoclave log, and user training records) Note if Lab Services or other autoclave cost center is used.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	Autoclave Building/Room: Person responsible: Email/phone:
If shipping biohazardous waste : Are inner packages closed and placed in container with liner bag (triple packaging)? Are sharps containers packaged separately?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Potentially infectious material is transported in a leak-proof secondary container.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Biohazard spill procedures are in place and lab staff is trained.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Engineering Controls				
Biosafety Cabinets (BSCs) are certified and appropriately located in laboratory.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Staff is aware of proper use/limitations of BSC (air flow disturbance, volatile/ flammable chemical use, etc.).	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Are UV lights in biosafety cabinets used for decon? If so, discuss safety and limitations.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Centrifuge safety cups or sealed rotors are used to centrifuge biological agents.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Are aerosol generating activities are performed in a biological safety cabinet? (Sonicating, homogenizing, vortexing, etc.)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
If aerosol-generating procedures are performed outside of a BSC, what additional precautions are in place? (SOPs, barriers, additional PPE, decontamination, etc.)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Administrative Controls				
Documented training records : Biosafety / BBP / Shipping Biohazardous Waste (if required)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Current UW Biosafety Manual is accessible to staff in lab (desktop icon or printed copy).	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Process for inventory control is in place; stocks/cultures are documented and labeled.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
PI and Lab Manager review BUA letters with lab staff. Copy is available for staff reference.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	