



# 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 <a href="#">Biohazard sign</a> is posted on the door when potentially infectious agents are in use.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
<a href="#">Exposure Response Poster</a> is in lab; lab staff is aware of proper exposure procedures.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
A lab-specific <a href="#">BBP Exposure Control Plan</a> 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 when work is in-process with BSL-2 agents.	<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 <a href="#">readily available</a> (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 <a href="#">UW hallway/corridor policy</a> .	<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	
<a href="#">Appropriate PPE</a> (personal protective equipment) is worn by all personnel.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Laboratory personnel are offered / receive appropriate immunizations (e.g. Hepatitis B).	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	

<a href="#">Policies</a> for the safe handling of <a href="#">sharps</a> are instituted.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
<a href="#">Decontamination</a> procedures of laboratory surfaces and equipment are followed.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Potentially infectious liquid waste is <a href="#">decontaminated</a> prior to disposal.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
<a href="#">Autoclaves</a> 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 central autoclave facility used instead.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	Autoclave Bldg/Room: Person responsible: Email/phone:
Shipping biohazardous waste via contracted carrier: 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 placed in a leak-proof secondary container prior to <a href="#">transport</a> from the laboratory.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Biohazard <a href="#">spill procedures</a> are in place and lab staff is trained, including when to evacuate for 30 minutes prior to clean up?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
<b>Engineering Controls</b>				
<a href="#">Biosafety Cabinets</a> (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 <a href="#">UV lights</a> in biosafety cabinets used for decontamination? Are staff trained on their safe use & limitations?	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
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	
Centrifuge safety cups or sealed rotors are used to centrifuge BSL-2 biological agents.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Are any procedures with BSL-2 agents performed openly outside of a BSC? If yes, what additional precautions are made? (SOPs, barriers, additional PPE, decontamination, etc.)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
<b>Administrative Controls</b>				
Documented <a href="#">training records</a> : Biosafety / BBP / Shipping Biohazardous Waste (if required)	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
Current <a href="#">UW Biosafety Manual</a> 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 <a href="#">inventory</a> 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 <a href="#">BUA letters</a> with lab staff. Copy is available for staff reference.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	
<b>Animals</b>				
Are animals administered BSL-2 agents in approved <a href="#">ABSL-2</a> locations? Specify rooms.	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> NA	