





Preparing For Your BSL-2 Assessment


The BSL-2 Assessment is an annual inspection to maintain compliance with standards and containment conditions established by the Institutional Biosafety Committee



Three Components to a BSL-2 Assessment

Risk Management will contact you to set up a time for your assessment 

A RMS safety specialist will perform the assessment on site during the set time 

You will have **90 days** to amend any findings after receiving the assessment report 

Below is a list of questions that will be asked during your BSL-2 assessment.

Section 1: Principle Investigator and Agent Information

<input type="checkbox"/>	PI & Agent Info	Is Principal Investigator and/or research staff involved in biohazard work present during the inspection?
<input type="checkbox"/>	PI & Agent Info	Is the outside of the laboratory door posted with Biosafety Level 2 Hazard signage with contact information?
<input type="checkbox"/>	PI & Agent Info	Does the lab work with human cell lines, tissues and/or blood?
<input type="checkbox"/>	PI & Agent Info	Does the lab work with bacteria?
<input type="checkbox"/>	PI & Agent Info	Does the lab work with viruses?
<input type="checkbox"/>	PI & Agent Info	Does the lab work with fungi?
<input type="checkbox"/>	PI & Agent Info	Does the lab work with parasites?
<input type="checkbox"/>	PI & Agent Info	Does the lab do rDNA work?

Section 2: Training and Documentation

<input type="checkbox"/>	Training & Documentation	Have active lab personnel completed complyND Biosafety Refresher training annually?
<input type="checkbox"/>	Training & Documentation	Have active lab personnel who are reasonably anticipated to have contact with blood or other potentially infectious materials completed complyND Bloodborne Pathogens training annually?
<input type="checkbox"/>	Training & Documentation	Have active lab personnel using autoclaves completed complyND Autoclave Safety training? This training is required initially only.

<input type="checkbox"/>	Training & Documentation	Have active lab personnel using autoclaves completed hands-on autoclave training and it is documented? This training is required initially only.
<input type="checkbox"/>	Training & Documentation	Does the lab have a lab specific biosafety manual (or adopted University with lab specific emergency response and contact information)?
<input type="checkbox"/>	Training & Documentation	Are lab personnel trained on biological work-related SOPs and is the training documented?
<input type="checkbox"/>	Training & Documentation	Within 10 days of initial assignment, is the Hepatitis B Vaccination Form made available to persons whose job is reasonably anticipated to have contact with blood or other potentially infectious materials.
<input type="checkbox"/>	Training & Documentation	Have lab personnel who refused to take the hepatitis B vaccination series signed the Hepatitis B Declination form and submitted to Notre Dame Wellness Center?
<input type="checkbox"/>	Training & Documentation	Has a protocol been approved by the Institutional Biosafety Committee (IBC) within the last 3 years for the biohazard?
<input type="checkbox"/>	Training & Documentation	If rDNA work, is registration document been approved by the IBC within the last 3 years?

Section 3: Personal Protective Equipment (PPE)

<input type="checkbox"/>	PPE	Is appropriate attire being worn in the lab (safety glasses, closed toed long pants or long skirts, short sleeved (at a minimum) shirts)?
<input type="checkbox"/>	PPE	Is appropriate eye, face and hand protection used and lab coats worn when handling biological materials?
<input type="checkbox"/>	PPE	Are employees inspecting, cleaning, and maintaining their lab coats as required?
<input type="checkbox"/>	PPE	Have active lab personnel utilizing respirators completed complyND Respiratory Protection Program training annually?
<input type="checkbox"/>	PPE	Are active lab personnel who are required to wear a respirator current with fit testing and medical clearance?
<input type="checkbox"/>	PPE	Have active lab personnel who voluntarily wear a N95 completed a Voluntary Use form?

Section 4: Emergency Response

<input type="checkbox"/>	Emergency Response	Does the lab's emergency action plan include protocols for biohazards-related adverse conditions?
<input type="checkbox"/>	Emergency Response	Do eyewash stations have unobstructed access?
<input type="checkbox"/>	Emergency Response	Are monthly eyewash stations inspections documented by lab personnel?
<input type="checkbox"/>	Emergency Response	Does the lab have appropriate spill response materials for the biohazards that are used/stored in the lab?
<input type="checkbox"/>	Emergency Response	Are the spill response materials in a designated location and employees are aware of the location?

Section 5: Biohazard Storage and Use

<input type="checkbox"/>	Biohazard Storage & Use	Are BSL-2 agents secured from unauthorized use or removal?
<input type="checkbox"/>	Biohazard Storage & Use	Is there appropriate biohazard warning signage on the equipment using biological agents?
<input type="checkbox"/>	Biohazard Storage & Use	Are sharps (needles, razor blades) disposed of in approved sharps containers?
<input type="checkbox"/>	Biohazard Storage & Use	Are sharps containers being prepared for disposal prior to exceeding their fill line?

<input type="checkbox"/>	Biohazard Storage & Use	Are full sharps disposal containers disposed through RMS?
<input type="checkbox"/>	Biohazard Storage & Use	Are work benchtops decontaminated after each use of biohazards? What is disinfectant?
<input type="checkbox"/>	Biohazard Storage & Use	In BSL2 labs, were porous materials present in the lab? This would include upholstered furniture, flooring, curtains, etc.
<input type="checkbox"/>	Biohazard Storage & Use	Is the presence of food/drink/cosmetics prohibited in the laboratory?
<input type="checkbox"/>	Biohazard Storage & Use	Are refrigerators / freezers / microwaves labeled prohibiting food and drink?

Section 6: Biological Safety Cabinets

<input type="checkbox"/>	Biosafety Cabinets	Is Biosafety cabinet(s) within its annual certification date?
<input type="checkbox"/>	Biosafety Cabinets	Does each vacuum system used with biologicals have an inline HEPA filter installed?
<input type="checkbox"/>	Biosafety Cabinets	If vacuum traps used, are the traps labeled appropriately?
<input type="checkbox"/>	Biosafety Cabinets	If vacuum traps are used, are the traps stored in secondary containment?
<input type="checkbox"/>	Biosafety Cabinets	If vacuum traps are used, is the disinfectant changed regularly and within an appropriate time frame?
<input type="checkbox"/>	Biosafety Cabinets	Are biosafety cabinets (BSC) decontaminated after each use?
<input type="checkbox"/>	Biosafety Cabinets	Are pipets decontaminated or slipped into wrappers prior to disposing?

Section 7: Biohazardous Waste

<input type="checkbox"/>	Bio-waste	Are biohazardous wastes appropriately contained (closed, not protruding from container, etc.)?
<input type="checkbox"/>	Bio-waste	Are biohazardous wastes appropriately labeled with the biohazardous symbol?
<input type="checkbox"/>	Bio-waste	Are biohazardous wastes appropriately decontaminated prior to disposal?
<input type="checkbox"/>	Bio-waste	Are autoclaves owned by the lab validated monthly with biological indicators?

Useful Webpages

ND Biosafety Manual	https://riskmanagement.nd.edu/assets/444899/nd_biosafety_manual_final_2015.pdf
Hazardous Waste Removal	https://riskmanagement.nd.edu/environmental-programs/hazardous-waste/
Institutional Biosafety Committee	https://research.nd.edu/our-services/compliance/biosafety/
ComplyND Training	https://comply.nd.edu/
Hepatitis b Vaccination Form	https://riskmanagement.nd.edu/assets/445089/hepatitis_b_vaccination_form.pdf