



# Procedure for Cleaning the BSL-2 Floor

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## **Purpose**

The purpose of cleaning BSL-2 laboratory floors is to maintain a clean and controlled environment that minimizes the risk of contamination from biohazardous materials. Regular and thorough floor cleaning is essential to prevent the spread of infectious agents, protect personnel, maintain compliance with biosafety protocols, and ensure the integrity of ongoing research activities.

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## **Responsibilities**

**Laboratory Manager / PI:** Initiates and oversees the mothballing process

**Laboratory Staff:** Assists in cleaning and documentation

**EHS Biosafety:** Verifies compliance with biosafety protocols

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## **Scope**

This scope covers the thorough cleaning and decontamination of BSL-2 laboratory floors to ensure a safe and contaminant-free environment for ongoing and future laboratory activities. Tasks include the removal of visible debris, cleaning and disinfecting floor surfaces with appropriate EPA-registered disinfectants, inspection for spills or contamination, and proper disposal of biohazardous waste. The procedure follows established biosafety protocols and institutional guidelines to maintain compliance with laboratory hygiene and safety standards.

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## **Procedures**

- 1. Don Proper Personnel Protective Equipment.**
  - a. Lab coat, Disposable gloves, and Eye protection are a necessary requirement.
- 2. Inspect the Floor Area**
  - a. Look for visible contamination: spills, splashes, sharps, broken glass, or leaks near benches.
  - b. If a spill is present, stop and follow biohazard spill protocol before continuing.
- 3. Prepare Cleaning Supplies**
  - a. Create a 10% Bleach solution in large mopping container, disposable mop head and prepare a Biohazard waste container to be used for used cleaning materials.
- 4. Cleaning Floors**
  - a. Start from cleanest area and move toward dirtier zones.
  - b. Focus area include Under benches, Near waste bins, and Entry/Exit paths.
- 5. Ensure Proper Contact Time**
  - a. Let the disinfectant sit for the recommended contact time (usually 5–10 min).
- 6. Rinse if needed**
  - a. If bleach or another residue-forming disinfectant is used, do a final rinse with 70% ethanol.
- 7. Dispose of Cleaning Materials and PPE**
  - a. Dispose of Cleaning Materials into Biohazard boxes and Clean the Mop bucket.
  - b. Remove all PPE, ensuring that gloves are the last to come off.
- 8. Log Cleaning**
  - a. Fill out weekly cleaning logs to keep accurate records.