

TITLE:	IBC38- Personal Protective Equipment and Working With Biohazardous Agents
OVERVIEW:	The <i>CDC/NIH's Biosafety in Biomedical and Microbiological Laboratories</i> , 5th Edition provides guidance on the need and utilization of personal protective equipment (PPE) while working in the BSL-2 and BSL-3 laboratories. This policy provides an overview of policies contained in this document and required by UNMC for the utilization of PPE in the laboratory.
APPLIES TO:	All individuals working within the ABSL-2/BSL-2 and ABSL-3/BSL-3 laboratories.
DEFINITION(S):	Not applicable
PROCEDURES:	<p>PPE and the BSL-2 Laboratory</p> <ol style="list-style-type: none"> 1. Protective laboratory coats, gowns, smocks or uniforms designated for laboratory use must be worn while working with hazardous materials. 2. Protective clothing must be removed before leaving for non-laboratory areas. 3. Protective clothing that is disposable must be disposed in biohazardous containers. Clothing that is re-used must be laundered by the University (not to be taken home). 4. Eye and face protection (goggles, mask, face shield or other splatter guard) are available in the laboratory for anticipated splashes or sprays of infectious or other hazardous materials. These materials are disposed of with other contaminated laboratory waste or decontaminated before reuse. 5. Persons who wear contact lenses in the laboratory should also wear eye protection where appropriate. 6. Gloves must be worn to protect hands from exposure to hazardous materials. Glove selection is based on an appropriate risk assessment and they must not be worn outside the laboratory. In addition, BSL-2 laboratory workers should: <ol style="list-style-type: none"> a) Change gloves when contaminated, integrity has been compromised, or when otherwise necessary and wear two pairs of gloves when appropriate. b) Remove gloves and wash hands when work with hazardous materials has been completed and before leaving the laboratory.

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	<p>c) Not wash or reuse disposable gloves and dispose of used gloves with other contaminated laboratory waste.</p> <p>d) Follow all hand washing protocols as described for the laboratory.</p> <p>7. Use eye, face, and respiratory protection s in rooms containing infected animals as determined by the risk assessment.</p> <p>PPE and the BSL-3 Laboratory (Note: All procedures as described by the BSL-2 laboratory must also be followed with the additional procedures as applied to the BSL-3 laboratory.)</p> <p>1. Protective laboratory clothing with a solid-front such as tie-back or wrap-around gowns, scrub suits, or coveralls must be worn by workers when entering and working in the laboratory.</p> <p>2. Reusable clothing is autoclaved before being laundered and clothing is changed when contaminated.</p> <p>3. Shoe covers, a double pair of gloves, and a respirator in addition to the gown are required PPE for entrance into the laboratory. These items are removed when exiting the laboratory and disposed of as contaminated waste.</p> <p>4. Entrance and exit procedures for the donning and doffing of PPE are described on the doors leading into and out of the BSL-3 facility.</p>
RECORD KEEPING:	Not applicable.
OTHER INFORMATION:	<p>PPE is provided by the PI of the laboratory and all necessary testing as described by the medical surveillance needs to be provided free of charge to employees.</p> <p>Specific polices pertaining to the use of the PPE are described in the laboratories Biosafety Manual.</p> <p>Compromise of PPE should be reported to the PI or supervisor and the policies as outline in policy IBC24, Reporting of a Research Related Adverse Event, need to be followed to report the incident.</p>
REFERENCES:	U.S. Department of health and Human Services, CDC/NIH. 2007. Biosafety in Microbiological and Biomedical Laboratories, 5th Edition.
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