

PPE INSPECTION, MAINTENANCE AND CARE GUIDANCE

Personnel working in areas where there are potential electrical hazards are required to wear personal protective equipment (PPE) that protects against electrical hazards. Protective equipment must be maintained in a safe, reliable condition and must be periodically inspected and/or tested according to the manufacturer's requirements.

Refer to the [UW Electrical Safety Manual](#) for more information.

Equipment	Test Interval	Storage, Care Guidance	Inspection Items
Gloves Rubber Insulators	Before first issue and every six months after. All surfaces of the rubber-insulating gloves must be inspected for damage. Roll gloves and test that air does not leak.	Store rubber insulating gloves and leather protector in glove bags or protective containers. Gloves contaminated with petroleum-based lubricants must be discarded.	Holes in gloves. Dirty gloves. Metal particles embedded in the gloves. Chemical substances that can damage the gloves.
Gloves Leather Protectors	Inspect before each use. Perform glove air test.	Store in clean, dry location. Store gloves in storage bags. Glove dust can be used to reduce friction between the hand and insulation glove.	Holes in gloves. Dirty gloves. Metal particles embedded in the gloves. Chemical substances that can damage the gloves.
Blankets/Sleeves	Before first issue and every 12 months.	Store in clean, dry, dust free location. Protect from extreme light, temperature, humidity, and ozone locations.	Holes. Deteriorated fabric material. Chemical contamination.
Safety Glasses and Goggles	Inspect before each use.	Store in clean, dry, dust free location.	Scratches or cracks in lens area.
Line Hose/Covers	Upon indication that insulation value is devalued.	Store in clean, dry, dust free location.	Holes. Chemical contamination.
Arc Face Shields	Inspected for physical integrity and free of cracks or excessive wear.	Store in a face shield bag to protect from dust and scratches. Ensure no residue is left on shield after cleaning. Always clean with water and a mild soap. Dry with a soft cloth.	Dirty face shield. Crack in mask.

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Arc-Rated Garments	Inspect before each use.	<p>Store in kit bags or hang up in a clean, dry location.</p> <p>When laundering, follow manufactures guidance. Failure to launder properly could affect the flame resistance of the garment.</p> <p>Do not use chlorine bleach, hydrogen peroxide, softeners, or starch when laundering.</p>	<p>Oil or dirt on fabric.</p> <p>Tears in garments.</p> <p>Contaminated or damaged articles that diminish protective qualities must not be used.</p>
Footwear	Inspect before each use.	Store in clean, dry area.	<p>Chemical contamination.</p> <p>Tears in shoe.</p> <p>Holes in soles.</p>
Insulated Equipment	Inspect before each use.	Store in clean dry location away from sunlight, excessive humidity, ozone, oils, petroleum products, hand lotion, baby powder.	<p>Embedded foreign objects, holes, punctures.</p> <p>Tears or cuts, ozone damage, swelling, softening, sticky or hardening.</p> <p>Chemical contamination.</p>