
Safety Brief

140th Wing Safety

Personal Protective Equipment (PPE)

PPE Requirements

- Controlling a hazard at its source is the best way to protect employees.
- When engineering, if work practices or administrative controls are not feasible or do not provide sufficient protection, employers must provide PPE to their employees and ensure it's used.
- PPE will be used whenever there are hazards that can do bodily harm through absorption, inhalation, or physical contact
- Protective equipment must meet the following minimum requirements:
 - Provide adequate protection against the particular hazards for which they are designed
 - Be reasonably comfortable when worn under designated conditions
 - Fit snugly without interfering with the movements or vision of the wearer
 - Be durable
 - Be capable of being disinfected (unless disposal items are used)
 - Be easily cleaned
 - Be kept clean and in good repair

Common Types of PPE

- **Eye and Face Protection.** Protective eye and face devices must comply with the ANSI Standard Z87.1. Contact lenses do not provide eye protection and will not be worn in eye hazard work environments without the use of appropriate safety eyewear.
- **Head Protection.** Protective helmets must comply with ANSI Standard Z89.1. Personnel working in areas where there is a potential for injury from falling or flying objects, bumping head against a fixed object, or electrical shock or burns shall be provided and use protective helmets.
 - **Safety Helmets (Hard Hats).** These helmets provide protection from impact and penetration of falling objects and from high-voltage electric shock and burn.
 - **Bump Caps.** Bump Caps are constructed of lightweight materials and are designed to provide minimal protection against bumps or lacerations to the head. They do not afford adequate protection from high impact forces or penetration by flying or falling objects.
- **Hearing Protection.** Exposure to high noise levels can cause hearing loss or impairment, in addition to physical and psychological stress. Specifically designed protection is required, depending on the type of noise encountered and the auditory condition of the employee.
- **Seat Belts and Occupant Restraints.** All persons operating or riding in motor vehicles, shall wear installed safety belts as prescribed by the manufacturer. Individuals shall not ride in seating positions where safety belts have not been installed.

PPE is used in our everyday life and sometimes we don't even realize we are using it. Make sure the PPE you are using is serviceable and appropriate for the task or activity you are doing. As a supervisor, ensure your troops are wearing the proper PPE.... on and off duty.

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14.4. General Requirements.

14.4.1. Personal Protective Equipment (PPE). PPE shall be used whenever there are hazards that can do bodily harm through absorption, inhalation or physical contact. This equipment includes respiratory protective devices, special clothing and protective devices for the eyes, face, head, torso and extremities. All PPE shall be approved for the work performed and shall be maintained in satisfactory condition. The installation Ground Safety office and BE shall be consulted. BE is responsible for selecting respirator and filter types, initial training and fit testing for users requiring respiratory protection. Supervisors shall instruct personnel in the use and care of this equipment. Training shall be documented IAW AFI 91-202. Refer to OSHA 29 CFR 1910.133., *Eye and Face Protection*, and AFOSH Standards 48-137, *Respiratory Protection Program*, and 48-20, *Occupational Noise & Hearing Conservation Program (HCP)*, for additional guidance and information.

“Safety as a core value = Mission Effectiveness”