

# PPE CATEGORIES & HAZARDS TO CONSIDER

## HEAD PROTECTION

Standard:  
ANSI Z89.1

### HARD HATS & SAFETY HELMETS

**Type 1:** Impacts anticipated from above

**Type 2:** Impacts anticipated from above or the side

**Class G:** Electrical hazards; protects from up to 2,000 volts

**Class E:** Electrical hazards for utility workers

Bump Cap: Do not provide impact protection but can help protect the head from incidental contact when in tight spaces



## EYE PROTECTION

Standard:  
ANSI/ISEA  
Z87.1



**Safety Glasses:** Protect the eyes from flying objects

**Safety Goggles:** Provide improved protection for smaller fragments (like when grinding) because they seal the eye.



- **Vented:** For non-chemical hazards
- **Non-Vented:** For chemical hazards

## HEARING PROTECTION

Standard:  
CFR 1910.95  
ANSI s12.6

Recommended when working in loud areas, even for short durations. Hearing protection should be required when noise exposure is 85 dBA or higher.

- **Earmuffs**
- **Ear Plugs**



## FACE PROTECTION

Standard:  
ANSI Z87.1



Should cover below the chin to the forehead & extending from cheekbone to cheekbone. Protects the face against flying debris, chemical splash, explosive power tools, etc.

**\*Use in combination with safety glasses**

## HAND & ARM PROTECTION

**Leather, Canvas, or Metal Mesh Work Gloves:** Used for heat or cut resistance



**Fabric & Coated Fabric Gloves:** Used for dirt & slip resistant protection



**Chemical- & Liquid-Resistant Gloves:** For chemical protection



**Insulating Rubber Gloves:** For electrical hazards



## BODY PROTECTION



**Paper Type Fiber:** For single-use protection against dust & possible splashes

**Treated Wool & Cotton:** Fire-resistant; Protects against abrasions & rough irritating surfaces

**Duck Cloth:** Heavier; Protects against cuts & bruises when handling heavy or sharp/rough materials

**Leather:** Protects against dry heat, flames, & sparking

**Rubber (e.g., Neoprene):** Protects against chemical hazards



## FOOT & LEG PROTECTION

Standard:  
ASTM F-2412/2413  
or  
ANSI Z41

**Snap-On Leggings:** Protects from heat hazards

**Metatarsal Guards:** Protects the instep from impact & compression hazards

**Foot & Shin Guards:** Protects the lower legs

**Puncture Resistant Insoles, Electrically Conductive Soles (never wear if exposed to electrical hazards), & Oil Resistant Soles**

**Electrical Hazard Shoes:** Prevent the wearer from completing an electrical circuit to the ground

