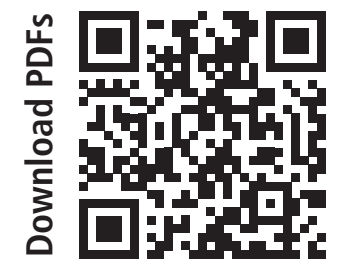


Personal Protective Equipment

Arc Flash Calculation Method
for Equipment Assessment

e-Hazard
Taking the Flash Out of Electrical Safety

(502) 716-7073
e-Hazard.com



Make sure your PPE Arc Rating Exceeds the Hazard

✓ Recommended Best Practice for

IE < 1.2 cal/cm²

PPE Arc Rating (AR) Must Be ≥ Estimated Incident Energy (IE)

IE = 1.2 - 12 cal/cm²

IE > 12 cal/cm²



- ✓ Eye Protection
- ✓ Hearing Protection
- Hard Hat
- Face Shield

Head

- ✓ Shirt, long-sleeve & Pants

ALL clothing made of Non-melting/Natural Fiber

Body

- Gloves: Leather, AR, or VR

Hands

- ✓ Leather Footwear

Feet

NFPA 70E / CSA Z462

- Required
- ◐ Required, Choices Available
- As Needed



- Safety Glasses/Goggles
- Hearing Protection
- Hard Hat
- ◐ AR Arc Flash Hood or AR Face Shield with AR Balaclava

- ◐ AR Shirt, long-sleeve & AR Pants or AR Coverall or AR Arc Flash Suit

- ◐ Heavy-duty Leather Gloves or AR Gloves or Rubber Insulating Gloves with Leather Protectors

- Leather Footwear

- AR* Outerwear
*Only required to meet min. AR if primary protection



Requirements per NFPA 70E (2021), Table 130.5(G) / CSA Z462-18, Table 3