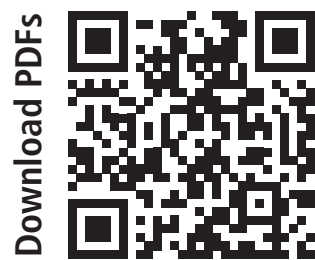


# Personal Protective Equipment

Arc Flash Calculation Method  
for Equipment Assessment

**e-Hazard**  
Taking the Flash Out of Electrical Safety

(502) 709-7235  
e-Hazard.com



Make sure your PPE Arc Rating  
Exceeds the Hazard

✓ Recommended  
Best Practice for  
**IE < 1.2** cal/cm<sup>2</sup>

**PPE Arc Rating (AR) Must Be ≥ Estimated Incident Energy (IE)**  
**IE = 1.2 - 12** cal/cm<sup>2</sup>

**IE > 12** cal/cm<sup>2</sup>



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

- ✓ Shirt, long-sleeve & Pants

ALL clothing made of  
Non-melting/Natural Fiber

- Gloves:  
Leather, AR, or VR

- ✓ Leather Footwear

NFPA 70E

Head

Body

Hands

Feet



- 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



- Required
- Required, Choices Available
- As Needed

Requirements per NFPA 70E (2024), Table 130.5(G)



