

# ARC FLASH EQUIPMENT LABELING

## ARC FLASH LABELS ARE REQUIRED

- NFPA 70E, Article 130.5(H)
- NFPA 70 (NEC), Article 110.16
- Required on most electrical equipment, including panelboards, motor control centers, and switchboards.

## COMMON MISCONCEPTIONS

- “Labeling is optional and something we can do later.”
- “I contract all my electrical work out, so it’s not my responsibility.”
- “My electrical equipment is old so I don’t need to worry.”


## KEY BENEFITS OF LABELING

- Reduces risk of injury and downtime.
- Educates employees by clearly identifying hazards.
- Ensures electrical system is adequately protected.
- Documents your electrical system characteristics.

## ORDER YOUR LABELS

- We offer a variety of high quality labels - adhesive static, or vinyl.
- Can be applied in any environment - extreme temperatures and corrosive elements.
- Fast turnaround and timely delivery.

**DON'T KNOW YOUR ARC FLASH VALUES?  
NEED TO UPDATE YOUR OLD ANALYSIS?  
WE CAN HELP! WE PROVIDE ARC FLASH  
ANALYSIS AND SOLUTIONS.**



**WARNING**  
Arc Flash and Shock Hazard  
Appropriate PPE Required

**0.4** Nominal System Voltage 208 V  
Arc Flash Boundary 9 in.  
Cal/cm<sup>2</sup> @ 18" Limited Approach Boundary 42 in.  
(Incident Energy) Restricted Approach Boundary 12 in.

Arc Flash PPE: Arc-Rated: Long-Sleeve Shirt & Pants, or Coverall, or Suit; Face Shield & Balaclava, or Suit Hood; Heavy-Duty Leather Gloves, or Arc-Rated Gloves (Rating must be greater than or equal to listed Incident Energy)  
Shock PPE: Class 00 or Higher Voltage Gloves, Voltage Rated Tools  
Other PPE: Hard Hat, Safety Glasses, In Canal Hearing Protection, Leather Footwear

Always refer to NFPA 70E for PPE details

Equipment Name: HTP-42  
Lockout Device: ELA-MCC-42042  
Reference: IEEE 1584 (2002) & NFPA 70E (2018)  
Date: Aug-14-2020

**LABELING REQUIREMENTS**

- ▶ Conforms to ANSI Z535
- ▶ System Voltage
- ▶ Arc Flash Boundary
- ▶ At Least One of the Following:
  - Incident Energy With Working Distance or Arc Flash PPE Category
  - Min. Arc Rating of Clothing
  - Site-Specific PPE



303.325.3460  
JeffA@CitrineLLC.com  
[www.CitrineLLC.com](http://www.CitrineLLC.com)

