



REVIEW OF ENGINEERING DOCUMENTATION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

ARC FLASH/SHOCK HAZARD LABELS

ARC FLASH HAZARD ANALYSIS

PREVENTIVE MAINTENANCE

SAFETY TRAINING

 **CONTACT US TODAY**

Request a quote

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## ARE YOU IN COMPLIANCE?

### ELECTRICAL SAFETY IN THE WORKPLACE WITH RESA POWER

When it comes to hands-on power systems engineering and repairs, the safety of technicians is always paramount.

RESA Power offers [Arc Flash / Safety / NFPA 70E Awareness Training](#) to prioritize the well-being of technicians and minimize the chance of injuries, downtime, and property damage.

- Arc Flash Safety Awareness Classes
- NFPA 70E Compliance Assessment
- NETA / NFPA 70B Testing and Maintenance

Make sure your workers stay out of harm's way and are up-to-date on critical compliance updates set by [OSHA](#) and the [NFPA 70E 2021 Standard for Electrical Safety in the Workplace](#).

Our training classes can benefit anyone who wants to stay informed on the latest safety practices - from Electricians and Contractors to Environmental Health and Safety (EHS) Managers and facility maintenance personnel. Our instructors are professionally trained and have decades of field experience with electrical safety to offer.

#### CLASS DISCUSSION WILL INCLUDE:

- The need for Electrical Safety
- Types of Electrical Hazard
- Effects of Electrical Shock
- Shock and Arc Flash Approach Boundaries
- "Qualified" Person
- Electric Arcs and Its Components
- Arc Flash Hazard
  - Arc Flash Hazard Risk Assessment
  - Flash Protection Boundary
  - Incident Energy
  - Cal/Cm2
  - Warning Labels
  - Example of a Warning Label
  - Determine the Appropriate PPE
  - Personal Clothing
  - PPE Equipment List



# COMPLIMENTARY NFPA 70E COMPLIANCE ASSESSMENT

It is important to have an on-site arc flash and compliance assessment of your workplace performed to identify potential hazards. An arc flash risk assessment can help you meet OSHA standards and improve safety.

## Engineering Documentation Reviewed

- Updated one line drawings complete and posted in substation.
- De-energized & energized procedures exist.
- Written switching plans are used.

## Arc Flash Hazard Analysis

- Short circuit/protective device coordination/arc flash/shock hazard performed.
- Studies have been done on a 5-year cycle or as additions and expansions are completed.

## Warning Labels

- Arc Flash/Shock Hazard labels installed on all electrical equipment.

## Personal Protective Equipment (PPE)

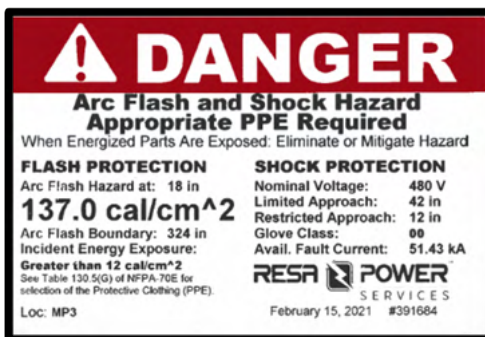
- Has appropriate uniform material type.
- Has appropriate PPE for switching.

## Preventive Maintenance

- Review of current electrical maintenance practices and procedures.
- Preventive maintenance performed as per manufacturer/NETA recommendations
- Ground system is tested periodically.

## Safety Training

- Level of safety training for maintenance personnel.



Make sure your workers stay out of harm's way and up-to-date on critical compliance certifications set by OSHA and the NFPA 70E 2021 Standard for Electrical Safety in the Workplace. For more information, please reach out to RESA Power.