



Task Qualified Operations

2-Hour Course

OVERVIEW

This class is geared toward non-electrical workers who perform tasks which may have potential electrical hazards. It provides workers with an awareness of electrical safety standards/regulations, electrical hazards, and protection strategies. This class covers PPE and safe work practices relating to electrical operations (e.g., switching).

Instructors may add emphasis and adjust the course content and/or length for issues applicable to the location and attendees.

REFERENCES

Current NFPA 70E Standard, OSHA Regulations (as applicable)

MATERIALS

e-Hazard Quick Reference Guide Electrical Safety Review (PDF handout) or e-Hazard Task Qualified Operations Workbook (client's discretion)

1. Electrical Safety Facts/Risks

2. Electrical Related Government Regulations & Standards

- Applicable: NFPA 70E/OSHA
- How Standards Are Used
- Understanding "Qualified"

3. Shock Hazards & Protection Strategies

- Understanding Shock
- Protection Boundaries

4. Arc Flash Hazards & Protection Strategies

- Causes/Types
- Arc Flash Boundaries
- Practical Application of Safety Measures

5. Personal Protective Equipment for Shock and Arc Flash

- Overview
- Protecting Head, Hands and Feet
- PPE Programs: Categories, Levels, Systems
- Environmental Considerations
- PPE Guidelines and Maintenance

6. Safety Related Work Practices

- Job Safety Planning
- Energized Electrical Work Permit
- Labeling
- Identifying and Securing Boundaries
- Tools and Equipment
- Best Practices for Lockout/Tagout
- Situational Conditions (Overhead, Underground, etc.)
- Training
- Recognizing Hazards and Poor Work Practices