



Electrical Safety for Managers

4-Hour Course

OVERVIEW

This class is designed for those who supervise workers performing tasks which may have potential electrical hazards. It educates supervisors about electrical safety standards/regulations, electrical hazards, and protection strategies involved in performing electrical work and is especially useful for those without an electrical background. To be an effective manager, it is critical to know and understand the work practices and protection measures workers must use to work on and near electrical equipment.

REFERENCES

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

MATERIALS

e-Hazard Electrical Safety for Managers Workbook; e-Hazard 7 Electrical Safety Habits Audit

1. Electrical Safety Facts/Risks

2. Electrical Related Regulations & Standards

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

3. Electrical Hazards & Protection Strategies

- Understanding Shock Hazards
- Shock Protection Boundaries
- Arc Flash Causes/Types
- Arc Flash Boundaries

4. Personal Protective Equipment

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

5. Safety Related Work Practices

- Defining “Electrically Safe Work Condition”
- Identifying and Securing Boundaries
- Tools and Equipment
- Best Practices for Lock Out/Tag Out, Verifying De-energization
- Situational Conditions
- Emergency Response
- Recognizing Hazards and Poor Work Practices

6. Electrical Safety Management Strategies

- Electrical Safety Program
- Risk Assessment Methods
- Job Safety Planning Procedures
- Training
- Electrical Safety Audits

7. Audit Strategies

- Types of audits
- Objectives
- Using the 7 Electrical Safety Habits Audit