

Schneider Electric Training: Electrical Safety in the Workplace (On-Site)

Safety

Description

One-day instructor-led course providing a basic understanding of how to establish and maintain a safe working area relative to hazards arising from the use of electrical equipment; includes review of pertinent content from the NFPA 70E, 2021 Edition. This course meets the mandate of training as prescribed in the NFPA 70E, 2021 Edition, Chapter 1, Article 110.6.

Audience

The target audience focuses on electrical and maintenance workers who face risks of hazards involving electrical equipment.

SKU:

SRVTTRARCSIBS

Course Code:

TRNOSSAFARC01

Course Length:

8 Hours

Time:

8:00 AM to 4:30 PM

Type:

Instructor Led

Language:

English

Cost:

See quotation

Continuing Education Units (CEU)

0.7 Hours

Prerequisites

No prerequisites are required for this course

Objectives

Upon completion of this course, you will be able to:

- Identify the limitations of the NFPA and relationship to OSHA as they pertain to electrical safety.
- Recognize 2 general categories of electrical hazards
- Identify the 5 primary effects on the human body resulting from exposure to electrical shock, or Arc Flash.
- Identify the 13 components of an Electrical Safety Program.
- Identify the requirements of a successful Lockout/Tagout Program.
- Identify the Limits of Approach
- Select the appropriate PPE for use when working with energized equipment using new Tables from the 2021 NFPA 70E.
- Recognize compliant equipment labeling.
- Identify the principles and safety procedures associated with the hazards of working on energized equipment.

Contents

- Changes to the 2021 Edition of the NFPA 70E Standard for Electrical Safety in the Workplace from the 2018 Edition
- Electrical injuries resulting from shock
- Worker selection of correct PPE/Arc Flash rated clothing
- Electrical safety plans, job briefings, Lockout/Tagout programs, electrical work permits and equipment labels
- Limits of approach for energized electrical equipment
- Arc Flash and safety hazards to employees/workers



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