



Electrical Safety Seminar

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This three-day course covers all aspects of working safely around energized electrical equipment. Basic topics include safety policies, general safety rules, vehicle safety, ladder and scaffold safety, chemical safety, fire safety, general electrical safety, and emergency procedures. Following this safety discussion, the instructor covers electrical safety topics such as testing equipment for energization, work on energized circuits, overhead operations, clearances around energized equipment, substation operations, underground operations, equipment grounding, and lightning protection. Participants have found that the case studies and group discussions of electrical hazards enhance the safety of their operations.

I. Safety Policies

- Safety Tagging
- Safety Apparel
- Dress Code
- Vehicle Safety
- Ladder and Scaffold Safety
- Chemical Safety
- Fire Safety
- Emergency Procedures

IV. Underground Operations

- Underground Hazards
- Confined Space Entry

II. Electrical Equipment Safety

- Electrical Equipment Safety Practices
- Testing Electrical Equipment for Energization
- High Voltage Electrical Safety
- Energized Electrical Equipment Safety
- Electrical Equipment Safety Grounding

III. Substation Safety

- High Voltage Electrical Hazards
- Substation Hazards
- Insulating Oil Handling
- Compressed Air Hazards
- Lightning Protection
- Confined Space Entry
- Battery Safety
- Switchgear Operations