



SITE SPECIFIC ELECTRICAL SAFETY AND LOCKOUT/TAGOUT

Inherent dangers exist with generation, transmission, and distribution of electricity. The proper use of safety equipment, knowledge of electrical hazards, and knowledge of how to respond in the event of an electrical disaster are absolutely essential for all electrical personnel.

This electrical safety program will provide the student with the information needed to comply with the latest OSHA and company specific requirements in electrical safety. The latest technology, standards, and materials available are presented and demonstrated. Anyone who works on or near power generation, transmission, or distribution systems should attend this course. Additionally, supervisors, managers, safety personnel, and those responsible for ensuring a safe work environment should attend this course.

BACKGROUND & SAFETY FUNDAMENTALS

Definition and Basic Premise
Equipment Requirements
Wiring Requirements
Work Space
Grounding and Guarding

WORK PLANNING

Plan Elements
Hazard Analysis
MOPs
Briefing Requirements

ENERGIZED WORK

Preliminary Planning
Permissions
Energized Work Permit
Selection and Use of PPE
Boundaries
Insulated Tools
Close Out Inspections

OTHER REQUIREMENTS

GFCI Use
Interlocks
Safe Switching
Emergency Response

LOCK OUT/TAG OUT

Recent Findings
Definitions
Contractors
Verifications of De-Energization
Application of Personal Protective Grounds
Re-Energization
Working On or Near Energized Equipment
Equipment Specific Procedures

EXERCISES

Preparing EWP
Preparing LaTa Procedures