



Environment, Health, & Safety
Training Program

EHS 0550 QEW2 Electrical Safety Core Curriculum
Course Syllabus

Subject Category: Electrical Safety

Course Length: 4 days

Delivery Mode: Classroom

Course Prerequisites: EHS 0549, EHS 0370

Medical Approval: None

Frequency: Every 3 years

Purpose: The purpose of this multi day learning is.....

About this course

This is a multi-day course that serves as the core curriculum for QEW-1 workers. It includes the following:

- Overview of the EHS Electrical Safety program including roles and responsibilities
- A foundation for workers to understand and apply ISM within the context of electrical work
- Learning how to perform Electrical Hazard Analysis
- Learning how to identify Arc Flash hazard, and analyze the hazards
- Learn how to select appropriate controls for shock and arc flash hazards
- Learning how to select appropriate electrically rated tools, PPE and metering equipment
- Understanding hazard classification and modes of work and how they apply
- Learning rules and performance for switching of electrical equipment,

Subject Matter Expert: EHS Electrical Safety Officer

Training Compliance Requirements: LBNL Electrical Safety Manual, EHS Safety Manual (formerly PUB-3000)- Chapter 8, Electrical Safety Program, 29CFR 1910.147, 29CFR 1910.333, NFPA 70E

Course Instructional Materials: Instructor-led training that spans four days