



ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY

Environment, Health, & Safety
Training Program

EHS0383 Electrical Equipment Inspector Training
Course Syllabus

Subject Category: General
Course Length: 2 days (16 hours)
Delivery Mode: Classroom & Field Location Training

Course Prerequisite: None
Medical Approval: None
Frequency: One time

Course Purpose: This course is designed for Electronics Technicians who will perform electrical equipment inspections as part of the EEIP (Electronic Equipment Inspection Program). The purpose of this course is to prepare the EEIP inspector to be able to carry out the duties and responsibilities associated with performing electrical equipment inspections.

Course Objectives:

Upon completion of the course the learners will be able to:

- Perform cord and plug inspection
- Perform grounding and bonding testing based on NEC requirements
- Perform GFCI testing
- Inspect equipment to determine if it meets NEC overcurrent protection requirements
- Perform equipment inspection field test using visual inspection and ground bond testing equipment
- Use QuickBase database to accurately enter results of equipment inspection
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Subject Matter Expert: Mark Scott

Training Compliance Requirements: 29 CFR 1910 Subpart S, NEC, Chapter 8

Exam: Yes

Field Test Practical: Yes

Course Instructional Materials: Classroom discussion, Field testing, Equipment use

Performance Criteria: Employees will be asked to demonstrate what they have learned from the web-based training by passing test and field test practical.

Retraining/Recertification: No

WEB Resource: Pub-3000, Chapter 8 and EH&S Training Program web page @ <http://www.lbl.gov/ehs/html/training.htm>