ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY

Environment, Health, & Safety
Training Program

EHS 0256 ~ LockOut/TagOut Verification

Course Syllabus

Subject Category:	Hazardous Energy Control	**Course Prerequisite:**	None
Course Length:	2 hours	**Medical Approval:**	None
Schedule:	Monthly or by request		
Location/Time:	70A-3377 or 26-124		

Course Purpose: This course is designed for all employees and guests who work on or near equipment with exposed hazardous energy above human vulnerability limits. This includes all maintenance, modification, calibration, and repair functions. The course is designed to define Lockout/Tagout/Verification responsibilities, acceptable practices, and procedures with respect to safety and compliance. The course stresses specific approved techniques, tools, equipment, and line management and supervision responsibilities.

Course Objectives:

- To define locations for:
  - Subject matter help (LBNL Electrical Safety Engineer and LBNL Electrical Safety Review Committee)
  - Written policy (pub 3000 chapter 18)
  - Hazardous energy levels for various subject matter
  - Devices, tools, tags, locks, and other components
- To define functionally:
  - Verification responsibilities
  - Acceptable techniques (Lab locks, Lab tags)
  - Required safety (ex. NFPA 70 E and other work smart standards)
  - Supervision approval responsibilities
  - Employee responsibilities
  - Required PPE

Course Instructional Materials:

- Overhead projector and PowerPoint presentation
- Excerpts from appropriate documents (OSHA, NFPA, and IEEE standards)
- Digital photographs

Instructor: Keith Gershon x4694

Training Compliance Requirements:

- OSHA 29 CFR 1910.147 and 29 CFR 1926 appropriate
- Pub3000 chapter 18

Course Hand-outs: Student manual

Participant Evaluation: Written evaluations regarding the effectiveness of the trainer, the training and the visual aids.

Written Exam: Test

Practical Exam: No

Retraining/Recertification: No

WEB Resource: Pub-3000, Chapter 8

Revised 9/4/2008