



**Environment, Health, & Safety
Training Program**

**EHS 0539 AHJ Granting Provisional QEW1 (PQEW1) Status
Course Syllabus**

Subject Category: Electrical Safety

Course Length: N/A

Delivery Mode: N/A

Course Prerequisite:

Medical Approval: None

Frequency: One time

About this Course: This is not a training course.

This course code (EHS 0539) is used to provide an interface between Berkeley Lab Training (BLT) and Work Planning & Control Activity Manager to indicate that a worker has (or has not) met the baseline requirements for entry as a Qualified Electrical Worker (QEW). When candidate meets all requirements, the Electrical Safety team will credit EHS 0359 as completed. This is in accordance with PUB 3000 Chapter 78 Work process E.

This course is also used to demonstrate that the worker's supervisor and line management have:

- Verified the nature of their employee's job tasks and necessity to perform electrical work
- Determined their need to become a Qualified Electrical Worker and be entered into the Lab's QEW program
- Understand the need for the worker to complete the training necessary to qualify them as an electrical worker at the Lab.

Once the electrical worker has completed all required training courses, tests and demonstrations required under the new program, the Provisional portion of their QEW status will be removed and they will be known as QEWs (1,2,3).

Process

1. Line management requests that the Electrical Safety team includes their worker into the QEW program.
 - a. Line management authorizes employee to become a Qualified Electrical Worker
2. QEW candidate submits QEW application and all supportive documents pertaining to previous electrical skills, knowledge and course work completed via Smartsheet QEW application found on Electrical Safety Webpage.
3. ESO's will compile received documents and put together a QEW candidate package and submit it to the Electrical Safety Group in EHS for AHJ review and approval. Examples of supportive documents include:
 - Copy of Diploma depicting "Electrical or Electronic Engineering" degrees awarded
 - Copy of unofficial transcripts for all other degrees (used to verify electrical course work completed)
 - Apprenticeship completion records
 - Joint Service Transcripts, DD-214's, Sailor/Marine Academic Education Registry Transcript (SMART)
 - Electrical Course Completion Certificates
 - Service Vendor Course or other Employer Electrical Training, Maintenance certificates
 - Photographs of equipment designed and built by the individual for use at the Lab
 - Publications depicting electrical expertise and research application

Subject Matter Expert: Mark Scott, Stephanie Collins

Training Compliance Requirements: 29CFR 1910.147, 29CFR 1910.333, NFPA 70E

Course Instructional Materials: N/A

Performance Criteria: AHJ must approve application into QEW program in order to receive course credit.

Web Resource: Electrical Safety web page, Qualified Electrical Worker @ <http://electricalsafety.lbl.gov/electrical-safety/qualified-electrical-worker-qew/>