ELECTRICAL SAFETY TRAINING

SERVICES PROVIDED

Evergreen Engineering performs arc flash studies and arc flash mitigation design for industrial facilities to help prevent electrical accidents. We also provide printed arc flash warning labels that can be customized to suit each client's needs.

In addition, we provide training in NFPA-70 E safety-related work practices through our Continuing Education course, "Electrical Safety Training for Workers and Managers." Our training provides workers with 4 Continuing Education Units (CEUs) as well as the knowledge needed to maintain safe work practices and decrease shock and arc flash incidents while working around energized equipment. In our course, participants learn about approach boundaries and arc flash boundaries and the protective personal equipment required for each. Some of the topics discussed include:

- Recognizing electrical hazards in the workplace
- Characteristics of shock hazard and the approach boundary
- Characteristics of arc flash
- Causes of arc flash
- Incident energy and boundary analysis
- Methods of arc flash mitigation
- The roles and responsibilities of employers, employees, and contractors regarding training and work around energized equipment and levels of training required for:
  - Those qualified to work around electrical hazards
  - Those not qualified to work around electrical hazards

Our course also includes context for electrical safety training, its history and governing bodies, and how it is enforced by federal law.