

Electrical Standards Course

Course Summary

This course covers Electrical Standards and the hazards associated with electrical installations and equipment. Course topics include single and three phase systems, cord and plug-connected and fixed equipment, grounding, ground fault circuit interrupters, and safety-related work practices. Students will participate in workshops on the safe and correct use of electrical testing equipment. Upon course completion students will have the ability to understand the severity of electrical current on the human body, recognize and evaluate actual and potential electrical hazards and determine hazard abatement measures, and understand the proper use of electrical testing equipment.

Course Outline

1. Examination of Equipment:
2. Working Clearance
3. Overcurrent Protection
4. Grounding
5. Wiring Methods
6. Electrical Boxes
7. Flex Cord and Cable
8. Hazardous Locations
9. Safe Work Practices.
10. Lock out tag out

This course will take three hours and have a power point presentation, practical section as well as short video's.