

ELECTRICAL SAFETY



WHO should attend?

- Engineers, technicians, electricians, supervisors, and other personnel who work on or near energized and de-energized electrical equipment and systems.
- Electrical maintenance engineers in industries.
- Operation engineers in Industry
- Process control engineers
- Electrical Technicians and staffs

FOR MORE DETAILS, PLEASE CONTACT:

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WORKSHOP overview

Electrical installations are responsible for a number of deaths by electrocution and can contribute to fires where installations fail or are incorrectly installed. Arc flash also causes safety hazard. To reduce the deaths and other hazards the design, installation, inspection and testing of electrical installations are of paramount importance. Now-a-days both the industries and the government are of great concern on safety issues. This short course is designed to train all electrical staffs, engineers, contactors etc. so that they can have clear knowledge on electrical hazards and how they arise; the type of accidents and dangerous occurrences associated with the use of electricity.

WORKSHOP objectives

- Enhance knowledge on various electrical hazards including electromagnetic radiation.
- Know the methods of reducing risks to health and the property.
- Have a good knowledge on regulations and standards on electrical safety.
- Improve knowledge on guidelines for electrical safety associated with electrical installations, construction sites, underground cables, control system, flammable and explosive atmosphere etc.
- Learn about testing and maintenance for electrical systems for safety.
- Relate own work environment through case studies.

WORKSHOP outline

- Introduction and safety facts
- Injury types and how these occur
- Electrical shock
- Electrical burns
- Fire and explosion
- Lightning strikes and emergency response
- Arc flash
- Electrical arc burn injuries and arc eye
- Shock fall
- Other injuries
- And more...