

Electrical Safety Management

16 hour course



Course Introduction

Electrical safety in organisations is often the responsibility of non-electrically qualified staff, such as facilities managers, risk managers or health & safety officers who have not had systematic training in how to prevent electrical hazards in the workplace. This situation results in several deaths in the workplace being caused by electrical incidents.

This course provides a comprehensive overview of the fundamentals of electrical safety and a systematic set of principles for assessing and managing electrical safety in any business and across all sectors of industry and the public sector: the subject is universally applicable, across industries and countries. The course is applicable to the buildings, facilities, equipment and environments associated with a wide range of organisations, irrespective of size, which includes the industrial, commercial and public sectors.

The course provides practical guidance to enable individuals and their organisations to have a level of knowledge and understanding to manage the risks associated with an electrical system. It will focus on providing a specific procedure for managing electrical safety.

Key learning outcomes

- Understand practical guidance in the form of a self-assessment to follow a systematic approach to understand the management of various aspects of an electrical system for your organisation
- Be able to create and implement an effective electrical safety management system where nothing is currently in place or to enhance an existing system
- Consider policy, procedure and people aspects of the electrical system
- Learn how to audit your building's risk
- Gain confidence in your own expertise to actively reduce the risk of workplace accidents
- Acquire expertise in the application of the Code of Practice for Electrical Safety Management and its self-assessment tool

Key features

- Save money on expensive consultancy fees by identifying weaknesses yourself
- This course is structured around the CoP but will give more detail of how to interpret it for learners who want to make sure they get it right in the workplace but don't want to pay a consultant to guide them through it
- Applicable to those who may not be from a traditional electrical engineering background or experienced in managing electrical systems but is still very relevant for the practising CEng who may use it for CPD, for example



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Core Units

- Unit 1: Introduction
- Unit 2: Basic electricity matters
- Unit 3: Electrical incidents
- Unit 4: Electrical safety management
- Unit 5: Electrical design policy and leadership
- Unit 6: Risk assessment, working practices, working precautions
- Unit 7: Procedures
- Unit 8: Operation and maintenance
- Unit 9: Incident investigation, documentation, performance measures
- Unit 10: Appointments, roles and responsibilities, training, competence, contractors
- Unit 11: Co-operation, communication, audits
- Unit 12: Live working
- Unit 13: Operating machinery
- Unit 14: Hazardous atmospheres
- Unit 15: Cables, overhead lines, HV network operation
- Unit 16: Next steps



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Target audience

- Those who manage the safety of an electrical system
- Those responsible for ensuring there is an appropriate electrical safety policy and associated procedures
- Those responsible for ensuring that the procedures are implemented
- Those responsible for the management of specific electrical tasks
- Those responsible for the safe condition of equipment and machinery
- Those that need or wish to improve their knowledge of the types of activities that need to be followed to manage electrical safety
- Those who have purchased the Code of Practice for Electrical Safety Management

Other related courses

- Electrical Building Services
- Risk Management for Engineers
- In-services Inspection and Testing of Electrical Equipment (coming soon)

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