

Electrical Safety

IIRSM Approved

Electricity is the lifeline of our society.

It enhances our quality of life, reliant on it to power tools and devices we use for work and entertainment. Although electricity has many benefits it can also be a hidden killer. Electricity can't be seen, felt, smelled or heard until one comes into contact with it.

This course covers many benefits electricity brings to society including its key components voltage, current, resistance and the two main types of electricity. It covers UK accidents and death statistics, describes a simple way of remembering the electrical hazards, and basic instructions on how to help someone suspected of receiving an electric shock.

Towards the end, the course includes an overview of the main standards, guidance and legislation that control the use of electricity in the workplace and finishes by looking at simple maintenance plans, portable appliance testing and anyone within an organisation responsible for carrying out various checks.

Learning Objectives

By the end of this course, you will be able to:

- Explain what electricity is, and its benefits and define the terms used with regard to electricity
- State how it causes harm to the body, how to be safe around it and be able to assist if someone is hurt
- Understand the legislation, refer to further guidance and understand the standards introduced to reduce its potential harm
- Recognise the importance of safety management of electrical equipment.

Module Number	Module Name	Pass % required
1	Overview and Benefits of Electricity	70
2	What is Electricity?	70
3	How Electricity Can Cause Harm	70
4	Legislation, Standards and Key Steps	70
5	PAT Testing Standards and Guidance	70

Duration: 45 minutes (Note: This is based on the amount of video content shown and is rounded off. It does not account in any way for loading time or thinking time on the questions.