



Medical Equipment Safety testing of electrical medical equipment (IEC 60601-1 + 62353)

We deliver highly practical training for **biomedical** engineers relating to the safety, servicing and performance verification of a range of equipment including **electro-cardiovascular, ventilation and anaesthesia**.

Is this course for you?

This course is aimed at staff involved in the safety testing of electrical medical equipment who require an update.

Course aim

The aim of this course is to provide the underpinning knowledge of current electrical safety, regulations, standards, and best practice when applied during repeatable testing and test after repair of portable Medical Electrical,(ME), equipment.

Objectives

- Identify the inherent hazards of ME equipment and physiological effects of electricity on the human body
- Explain the different leakage currents and the importance of the classification and type of ME equipment when testing
- Compare the different methods and sequence of tests applied during electrical safety testing
- Complete visual inspection and electrical safety testing in accordance with current regulations, standards and supporting manufacturers information on a selection of medical electrical equipment

Additional information

This course involves performing electrical safety test in accordance to IEC 60601-1/IEC 62353 on various medical equipment commonly encountered in a medical environment.