

In-Service Inspection and Testing of Electrical Equipment (PAT Testing) | City & Guilds 2377-77

📍 York, Slough, Livingston and On-site | 2 Day | [View Latest Price & Availability](#)

Course Overview:

This two day City & Guilds' course has been designed for those with electrical experience, who want to cover the new Institution of Engineering and Technology In-service inspection and testing of electrical equipment 5th edition. A notable change from the old City & Guilds Portable Appliance Testing course, is the focus on all electrical equipment, both portable and installed – moving away from the traditional 'Portable' terminology. The largest change to the 5th edition is its move towards a risk assessment based inspection, with all inspection and testing of equipment to be carried out following an implemented electrical risk assessment. Throughout the course you will learn how to structure, implement and document this risk assessment and how to carry out the practical aspects of testing.

Who Is This Course For:

This course has been designed for those with an established electrical background and a good understanding of electrical testing, who want to or currently have the responsibility of in-services inspection and testing of electrical equipment. It is important to remember that if you are the duty holder of inspection and testing, it is essential that you are up to date with the latest approved codes of practice to ensure the safety of the site.

This course is intended for those with an established electrical background and a good understanding of testing. The course covers both management and the practical aspects of testing and is ideal for those looking to offer electrical equipment testing/portable appliance testing as a service. It is recommended that you have successfully completed an NVQ based electrotechnical apprenticeship or technical certificate to Level 3.

Key Learning Areas:

- Equipment construction
- Inspection
- Combined inspection and testing
- Recording and use of instruments
- Visual inspection
- Class one and class two tests
- Continuity tests
- Functionality tests
- Insulation tests
- Risk Assessment



📍 York Campus

Our head office is conveniently based at York Business Park on the outskirts of York city centre. This well-established training centre accommodates a number of practical assessment areas for a highly interactive and participative training experience, alongside large comfortable classrooms with amenities such as complimentary WiFi, and refreshments.

📍 Slough Campus

Our Slough centres are ideally situated on the Slough Trading Estate, with central London and Heathrow both less than 20 minutes away. The Malton Avenue centre covers 15,000 square feet and boasts over 7,000 square feet of practical assessment training space. As with our York centre, we provide large comfortable classrooms with amenities such as complimentary WiFi and refreshments.

📍 Livingston Campus

5 Deer Park Avenue, part of the Fairways Business Park was established as our Scottish training centre in 2022. This easily accessible centre (just off the M8) services our connections north of the border, as well as those in the north of England. It houses 4 newly refurbished classrooms, as well as practical training facilities for F-Gas handling, Low Voltage and Mechanical and Pressure Systems

On-Site and Remote Training Options

We recognise some of the commercial restraints which surround sending multiple members of a team on to training courses. There are also the financial implications of accommodation, travel and time away from site.

Some of the key benefits of on-site training include; Reduced down time, Dates to suit your team and Cost effective team training

Some of the key benefits of remote training include; Live tutor-led courses, Cost effective delivery and Reduced down time

The Importance of Practical Training

Our practical facilities showcase industry standard installations, enabling delegates to gain hands-on experience in a variety of settings, designed to mimic those found across the healthcare estate.

By attending either of our AP or CP courses, you will gain transferable skills and knowledge to be able to carry out your duties in-line with HTM Guidance and enable you to react effectively to emergency situations, should they arise.