

EXPERIENCED IN-SERVICE INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT (PAT TESTING) | CITY & GUILDS 2377-77 CITY & GUILDS (2377A2)



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.

If you don't have an electrical background, we have developed a three day course, identical to this two day course, with an extra day to provide greater detail in electrical principles such as, safe isolation and safe systems of work.

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.

Upon completion of this City & Guilds electrical technical course, you will gain the working knowledge to ensure the safety of electrical equipment in accordance with the newest codes of practices. In addition to the essential knowledge you will gain - this City & Guilds accredited certificate is formal recognition of your skills and experience, which can improve your career prospects and provide new opportunities to progress into other electrical roles.

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.

2 Day Course (This Course) - 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.

In recognition of the varying skillset of the proposed tester, we have developed an alternative course;

3 Day course - This course is designed specifically for those with little or no electrical experience. The course content is identical to the 2 day testing course, but with the extra day

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to provide greater detail in electrical principles, safe isolation and safe systems of work. This course is ideal for those looking to offer electrical inspection testing / portable appliance testing as a service

Key Learning Areas Covered in This Course:

- 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

Course Duration / Fees / Location:

2 day training course, £475+VAT per delegate. Available in York and Slough. Accommodation from £98+VAT (including DBB).