

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.

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.

To sit this course you should be a holder of the 18th Edition wiring regulations BS7671:2018, and -
At least one of the following :-

- An ECS card,
- JIB electrician grade card
- Have successfully completed an NVQ based electrotechnical apprenticeship or technical certificate to level 3
- Be familiar with the electrical systems and hazards electricity can bring.

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

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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 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, Slough and Livingston.
Accommodation from £99+VAT (including DBB).