

# plugtest



Plugtest is a specialist PAT training company. We offer range of courses designed to provide you with the practical skills and technical knowledge essential for portable appliance testing. Whether you are a corporate customer looking to carry out your testing in house or an individual looking for new skills or a career change, we have a course to suit you.

All of our courses are designed to give you as much hands-on experience as possible. Delegates receive a training manual and will have access to our technical helpline for advice on any aspect of PAT testing following the course.

Our courses are friendly and informal and run in small groups, maximum 8 people, allowing delegates to ask questions, get help when they need it, and receive individual guidance from our experienced instructors.

City & Guilds 2377 - 1 Day Course - £160 +VAT (£188.00 Including VAT)

The Inspection and Testing of Electrical Equipment 2377-12 is the City & Guilds qualification designed for those undertaking the practical inspection and testing of electrical equipment. The course includes a short practical test and a one hour multiple choice exam. Upon successful completion candidates will receive a City & Guilds 2377 Certificate. It is advised that candidates should have some prior electrical knowledge.

City & Guilds 2377 - 2 Day Course - £250 +VAT (£293.75 Including VAT)

Our 2 day City & Guilds 2377 course is specifically aimed at candidates with little or no previous electrical knowledge. The course makes use of practical examples wherever possible to cover the 2377-12 syllabus and students gain practical experience through testing a wide variety equipment. The course includes a short practical test and a one hour multiple choice exam. Upon successful completion candidates will receive a City & Guilds 2377 Certificate. No previous electrical knowledge or qualifications are required.

PAT Competent Person Course - 1 Day Course - £120 +VAT (£141.00 Including VAT)

This is a practical PAT testing training course to enable you to test the portable electrical equipment in your company to the requirements of the IEE Code of Practice. Delegates will receive a certificate of competence upon completion of a short test. Prior electrical knowledge is not required.

On Your Site PAT Training

We offer PAT training courses at your premises. The onsite training allows us to tailor the course content to meet your own particular requirements whilst also having the added benefit of have a portable appliance testing expert on hand to provide valuable advice on testing in your workplace.

We bring everything needed for the course including sample test equipment, however we can often make the course more relevant by using your own equipment as test examples.

As well being convenient, our onsite training often works out the best value option. Prices start from as little as £300 + VAT, depending on the number of delegates and course location. Please contact us for a quotation.

Tel: 01487 773777

email: [sales@plugtest.co.uk](mailto:sales@plugtest.co.uk)

[www.pat-testing-training.net](http://www.pat-testing-training.net)

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# City & Guilds 2377

2377-12 (Unit 200)

City & Guilds 2377-12 is the recognised qualification for people undertaking the inspection and testing of electrical equipment (PAT Testing). The qualification is based on the IEE Code of Practice for In-Service Inspection and Testing of Electrical Equipment 3rd edition, published by the Institution of Engineering and Technology (IET). The qualification covers five key areas:

## Equipment construction and classification

- Types of equipment
- How electrical Shocks can occur
- Methods of equipment construction to prevent shocks
- The effect of resistance on disconnection times
- RCD Protection

## Inspection requirements

- Frequency of inspection & testing
- User checks
- Requirements of a formal visual inspection

## Combined inspection and testing

- Requirements of the visual inspection/examination of equipment
- The types of electrical tests
- Tests not required
- Test equipment

## The use of portable appliance testing equipment and recording data

- Acceptable earth & insulation resistance readings
- Leakage & touch current readings
- Equipment Labelling
- Recognising deteriorating equipment

## Equipment

- Damaged and faulty equipment
- Cord sets
- Microwave oven testing
- Testing IT equipment
- Fuse requirements
- Testing following repair

The qualification includes a 1 hour online exam, consisting of 30 multiple choice questions. Candidates are also required to undertake a practical assessment to demonstrate their ability to inspect and test an appliance and correctly complete forms. If preferred, candidates may use their own instruments for the practical assessment, in which case they bear responsibility for test results.



IEE Code of Practice 3rd Edition (2008) (ISBN-13: 978-0863418334)

A copy of the IEE Code of Practice is required for the course and exam, a loan copy will be provided to candidates if required but we recommend purchasing your own copy for future reference.

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## Frequently Asked Questions about PAT training

The following are brief answers to some of the typical questions we get asked about our PAT training courses, but please feel free to contact us if you have any other questions.

### **What qualifications do I need to undertake the testing?**

*No specific qualifications are required, the regulations only require the testing to be done by a competent person. The definition of a competent person in the regulations is - "A person possessing sufficient technical knowledge or experience to be capable of ensuring that injury is prevented". All of our courses are designed to provide the technical knowledge and practical experience to undertake the testing.*

### **How much does the test equipment cost?**

*PAT testing equipment ranges in price from a few hundred pounds to around a thousand pounds. The type of equipment suitable for your requirements will depend on the quantity and type of equipment you are testing. We can offer advice on the most suitable type for your requirements during the training.*

### **Do I need to regularly renew my training certificate?**

*There is no requirement to renew your training certificate in the way you do with a first aid certificate.*

### **I have no previous electrical knowledge; will I be OK to attend a PAT course?**

*Previous electrical knowledge is not essential and we are confident we can train most people. We deliberately keep our class sizes small to ensure that no one gets left behind.*

### **I already have a PAT tester and would like to train using it!**

*No problem, bring it to the course and you can use it for the practical parts of the course. We have experience in using most PAT testers.*

### **I have attended a City & Guilds 2377 course with another company but I'm not confident to do the testing!**

*Some 2377 courses are designed only to teach you to pass the exam, not to actually do the testing! The previous 2377 syllabus concentrated mainly on the legal and theory aspects. The new 2377 syllabus has improved and now covers more practical testing and we make sure that all of our courses have plenty of hands on learning. After the course there will always be someone at the end of the phone if you get into difficulties.*

### **Where can I buy the test equipment from? Do you supply test equipment?**

*PAT testing equipment can be purchased from most electrical wholesalers. We also sell test equipment to our training customers.*

### **Should I train a member of staff or get a subcontractor to do the testing?**

*All portable electrical appliances in the workplace need to be tested. In-house testing is often the most cost effective and flexible way of meeting the legal requirements.*

### **Can I test other peoples/companies equipment after I have attended a training course?**

*Our training courses are primarily designed for companies or individual to test their own equipment. If you are looking to test other equipment we would recommend that you check your insurance covers you to do so.*

### **I am thinking about starting my own PAT business, will your course help me do this?**

*If you are looking at starting PAT testing as a business you will require a good electrical understanding and some experience of working in the electrical industry. We would also recommend that you attend our City & Guilds 2377 course. City & Guilds 2377 is requirement of NICEIC, NAPIT and most public liability insurance policies.*

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# Course Locations



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