

City and Guilds 2377-100/200

PAT Testing: In Service Testing & Inspecting of Electrical Equipment - Combined Management and Practical

Course Duration 2 days inclusive of Gola examination and practical assessment

Qualification: City & Guilds Level 3

Course overview

City and Guilds 2377 - 01/02 (Combined Management and Practical) is the benchmark qualification for anyone who intends to carry out the instrument testing of electrical equipment, also known as Portable Appliance Testing. The Electricity at Work Regulations 1989 state “as may be necessary to prevent danger, all systems shall be maintained so as to prevent, so far as is reasonably practicable, such danger”.

This City and Guilds 2377 100/200 course will train personnel that are responsible for the managing and scheduling of PAT testing, as well as the actual practical application of portable appliance tests, which includes visual inspections and instrument tests.

There are no pre entry requirements to attend City and Guilds 2377 100/200, we do recommend that you should have some prior knowledge of basic electrical theory and principles together with an understanding of current electrical definitions and terminologies.

Who will benefit from this course?

Anyone who is involved in carrying out a management schedule of electrical equipment and is also carrying out the tests on electrical equipment. Successful candidates will gain a nationally recognised City and Guilds qualification.

Course content

On completion of the course, participants will understand:

- Electrical Safety in the workplace and elsewhere
- The role of Regulations and the responsibilities of the duty holder
- Insulation and earthing of appliances and equipment
- Classification of appliances
- Preliminary Inspection, pre test precautions
- Using a Portable Appliance Tester
- Required tests
- Optional tests
- Labeling of assets and bar coding
- Maintaining the asset register
- Reporting and recording results
- Implementing an electrical test programme
- Practical Assessment of delegates

Assessment

All candidates are assessed via the two multiple choice 30 and 45 question examination – City and Guilds 2377-100/200 is an “Open Book” examination and is carried out using the computer based City and Guilds Gola system – all candidates are given their results at the end of the examination. There is also a separate practical assessment in the use of portable appliance testers.

Other information

This course leads to a fully accredited level 3 qualification. Delegates are required to have the following books:

- The IEE Code of Practice for in Service Inspection and Testing of Electrical Equipment

The IEE Code of Practice for in Service Inspection and Testing of Electrical Equipment can be purchased from our website, when booking your course.

Further training

17th edition:

City and Guilds 2382-10

City and Guilds 2382-20

Inspection & Testing:

City and Guilds 2392-10 Initial verification

City and Guilds 2391-10

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