



## City & Guilds 2377-12

### Beginners Certificate in Portable Appliance Testing

A three day course designed for starters to the subject of inspection and testing of portable electrical equipment and who have minimal or no previous electrical knowledge. The course covers everything necessary for the City & Guilds examination. Certification is awarded to successful candidates. The course includes a theory element and a practical element. The syllabus includes:

Day 1	Introduction to the basics of electricity	Day 2	Introduction to Code of Practice
	<ul style="list-style-type: none"> <li>• Conductors</li> <li>• Insulators</li> <li>• Current</li> <li>• Voltage</li> <li>• Resistance</li> <li>• Resistors in Series</li> <li>• Resistors in Parallel</li> <li>• DC/AC</li> </ul> <p><b>Electrical Testing</b></p> <ul style="list-style-type: none"> <li>• Continuity               <ul style="list-style-type: none"> <li>- Principles</li> <li>- Test Instruments</li> </ul> </li> <li>• Insulation Resistance Testing               <ul style="list-style-type: none"> <li>- Principles</li> <li>- Test Instrument</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>• Legal basis of PAT Testing</li> <li>• Classification of Appliances</li> <li>• Categorisation of Appliances</li> <li>• Inspection and Test Regimes</li> <li>• Inspection</li> </ul> <p><b>Hands on Practical</b></p> <ul style="list-style-type: none"> <li>• Testing and Documenting               <ul style="list-style-type: none"> <li>- Class 1</li> <li>- Class 2</li> <li>- Extension Leads</li> </ul> </li> </ul>

### Day 3 Join 1-Day Course

The examination is a 1 hour multiple choice, open book PC based examination with instant results.

**Candidates will require a copy of the following book:**

Code of Practice for In-service Inspection and Testing of Portable Electrical Equipment  
ISBN 978-0-86341-833-4

**Duration:** 3 days

**Cost:** £550 +VAT [£632.50]

*Includes Code of Practice for In-Service Inspection and Testing of Portable Electrical Equipment book, examination registration fee and buffet lunch each day.*

**Recommended book list:**

Exam Success: IEE Code of Practice 2377  
ISBN 978-0-86341-805-1