



SmartScreen

Building Services Engineering

SmartScreen Factsheet

**Level 3 Award in the In-Service
Inspection and Testing of Electrical
Equipment E-learning (2377-77)**



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City & Guilds SmartScreen

City & Guilds SmartScreen is our dedicated online resource portal, supporting over 120 qualifications. It currently boasts more than 80,000 resources and pages of content for tutors and learners.

How can SmartScreen help me?

SmartScreen materials have been designed specifically for each individual qualification. They have been developed to assist tutors, and others, delivering the qualification to obtain the best possible results for their learners.

Price: Please email digital.solutions@cityandguilds.com for details. **Product code:** SS2377-77.

Resources

Designed for the 2377 In-Service Inspection and Testing of Electrical Equipment qualification, this course covers the requirements of the 5th Edition of The Code of Practice for the In-Service Inspection and Testing of Electrical Equipment. The Code of Practice has been extensively updated and includes the requirements for managing and carrying out the in-service inspection and testing of electrical equipment.

As part of the course, learners will have access to three practice tests.

Content covered in this online course includes:

- Introduction
- Definitions
- Legal requirements
- Equipment scope and the need for maintenance
- Training and competence
- Equipment classifications
- User checks
- Formal visual inspection
- Test instruments
- Electrical tests
- The frequency of in-service inspection and testing
- Reporting and record-keeping
- New and third-party equipment
- Appendix 1: British Standards
- Appendix 2: IP and IK Codes
- Appendix 3: Changes to electrical safety terminology and classification
- Appendix 4: Model forms
- Appendix 5: Resistances of flexible cables
- Appendix 6: User checks and formal visual inspection
- Appendix 7: Equipment racks and bays
- Appendix 8: Electrical units and calculations relating to the inspection and testing of electrical equipment
- Appendix 9: Example risk assessments

Why choose SmartScreen?

Shake learning up	Offers flexibility in lesson delivery and learning styles.
Learn inside and outside the classroom	With increased internet speeds available to learners using smartphones, laptops and tablets, resources can be accessed at any time and in any location.
Stay ahead	The definitive source for the most up-to-date information about qualification developments and delivery information.
Do what you do best	Our sample schemes of work, handouts and worksheets will save tutors time, meaning that they can keep their heads out of the paperwork and teach.
Peace of mind	Peace of mind that the resources fully support the qualification.

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