



SmartScreen

BSE  
SmartScreen Factsheet  
Level 3 Plumbing and  
Domestic Heating  
Technician: Apprenticeship  
Training Manual



---

## SmartScreen Factsheet

# Level 3 Plumbing and Domestic Heating Technician: Apprenticeship Training Manual

---

### 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](mailto:digital.solutions@cityandguilds.com) for details. Product code: SS963258.**

---

### Resources

This form-fillable PDF apprenticeship training manual aligns directly to the Plumbing and Domestic Heating Technician standards and provides coverage of all the key skills. It supports learners training to be plumbing and domestic heating technicians and can be saved electronically.

This manual provides learners with a range of practical tasks to apply their knowledge and skills in preparation for assessment.

The manual is designed to support formative learning, by allowing the learner to track their progress. A feedback sheet for tutors/trainers to complete is also included at the end of the manual.

Each task has the facility to record the time taken to complete, to allow tutors/trainers to monitor guided learning hours (GLH) where required.

The tasks are split into the three phases of the apprenticeship, and grouped as follows:

- Health and safety tasks
- Measure and cutting tasks
- Process tasks
- Jointing tasks
- Applied tasks
- Preparation tasks
- Installation tasks
- Electrical tasks
- Maintenance tasks
- Planning tasks
- Commissioning tasks
- Design tasks
- Stretch and challenge tasks

Although many of the tasks are standalone, some of the installation tasks are designed to integrate into one larger task, providing learners with an opportunity to work with more complex installations.

---

### 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 lesson plans, 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.

---

### How do I subscribe?

Visit: [Walled-Garden.com](http://Walled-Garden.com)

Call: +44 (0) 844 543 0000 (Choose option 5 – SmartScreen)

Email: [directsales@cityandguilds.com](mailto:directsales@cityandguilds.com)

Calls to 0844 numbers cost 7p per minute plus your telephone company's access charge.

Every effort has been made to ensure that the information contained in this publication is true and correct at time of going to press. However, City & Guilds' products and services are subject to continuous development and improvement, and the right is reserved to change products and services from time to time. City & Guilds cannot accept any loss or damage arising from the use of information in the publication. ©2018 City and Guilds London Institute. All rights reserved. City & Guilds is a trademark of the City and Guilds of London Institute. City & Guilds is a registered charity (number 312832) established to promote education and training. 1 Giltspur Street, London EC1A 9DD. T +44 (0)844 543 0000. [cityandguilds.com](http://cityandguilds.com).