



SmartScreen Factsheet

# Mechanical Engineering: Apprenticeship Training Manual



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### City & Guilds SmartScreen

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### About this manual

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This apprenticeship training manual provides apprentices with a range of practical tasks to allow them to apply their knowledge and skills. It is designed to support formative learning by allowing the apprentice to track their progress and record evidence.

The tasks are mapped to the Engineering Operative, Maintenance and Operations Engineering Technician, Engineering Technician and Engineering Fitter apprenticeship standards, and have been devised to prepare apprentices for the requirements of their end-point assessment. Each task contains the following features:

- information about the practical activity that enables apprentices to practise a particular skill
- a resources section allowing apprentices to detail all PPE, tools and equipment needed to complete the task

- detailed instructions and technical drawings to support apprentices with their practical activity
- a task checklist to help apprentices ensure that they have fully completed a task
- optional extension activities allowing apprentices to further develop their knowledge and skills
- an opportunity for apprentices to reflect on their learning and for employers and trainers to provide feedback.

The tasks should cover all the skills and behaviours required for the apprenticeships, but the tasks do not need to be completed in the order given in the manual. Employers and training providers should feel free to assign the tasks in any order.

### Why choose SmartScreen?

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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.

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