

Hand Tools

The aim of this course is to provide learners with the knowledge and skills required to select, safely use and care for a range of engineering hand tools used when performing mould changes, machine maintenance and lubrication tasks. Learners will also be able to perform their tasks more safely and efficiently and reduce the chance of injury.

- ✓ HAND TOOL SAFETY AND STORAGE
- ✓ IDENTIFYING MECHANICAL FASTENERS
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- ✓ SELECTING AND USING MEASURING EQUIPMENT
- ✓ SELECTING AND USING VICES AND CLAMPS
- ✓ SELECTING AND USING SCREWDRIVERS
- ✓ SELECTING AND USING SPANNERS, RATCHETS AND SOCKETS
- ✓ SELECTING AND USING PLIERS
- ✓ SELECTING AND USING SAWS AND SHEARS
- ✓ SELECTING AND USING FILES AND SCRAPERS
- ✓ SELECTING AND USING HAMMERS AND STRUCK TOOLS
- ✓ MISCELLANEOUS HAND TOOLS

At the end of this course learners will be able to:

- Identify and explain the uses of engineering hand tools
- Discuss the implications of incorrect or inappropriate use of tools that could lead to injury and damage to materials
- Use engineering hand tools correctly
- Identify and report unsafe or faulty engineering hand tools
- Clean and maintain engineering hand tools
- Store engineering hand tools