

# Open Awards Qualification Unit



## Form OAQU

This unit forms part of a regulated qualification.

### 1 Unit Details

Unit Title:	Introduction to Engineering Tools, Equipment and Materials
QAC Code:	F/507/8281
Level:	Level 1
Credit Value:	4
Minimum GLH:	30

**This unit may appear more than once in Skills for Further Learning and Employment Level 1 qualifications. However, learners will only be able to achieve this once.**

### 2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Be able to work safely with tools, equipment and materials in an engineering environment	1.1 Select and use appropriate Personal Protective Equipment (PPE) when using tools, equipment and materials for engineering maintenance
	1.2 Identity potential defects in common tools and equipment used in an engineering environment
	1.3 Demonstrate safe methods of working when using tools, equipment, and materials in an engineering environment
	1.4 Give examples of hazards related to defects in tools, equipment and materials used in an engineering environment
2. Be able to use and maintain hand tools for engineering maintenance operations	2.1 Identify and select appropriate hand tools for engineering maintenance operations
	2.2 Prepare and use hand tools correctly
	2.3 Maintain hand tools in a safe condition
3. Be able to use and maintain power tools for engineering maintenance operations	3.1 Identify and select appropriate power tools for engineering maintenance and operations
	3.2 Prepare and use power tools correctly

	3.3	Maintain power tools in a safe condition
4. Be able to use equipment for engineering maintenance operations	4.1	Identify and select appropriate equipment for engineering maintenance operations
	4.2	Prepare and use common equipment correctly
	4.3	Carry out basic service and maintenance of common equipment
5. Be able to use materials when carrying out engineering operations	5.1	Identify common materials used in engineering operations
	5.2	Identify consumables used in engineering operations
	5.3	Select and use appropriate materials and consumables in engineering operation