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City & Guilds

600/9470/9 Level 1 NVQ Certificate in Performing Engineering Operations

OVERVIEW

What does this qualification cover?

It covers a wide range of engineering disciplines related to the Advanced Manufacturing and Engineering sector. It enables learners to demonstrate their occupational competence through the development of hand-skills and gaining of knowledge.

The learner will complete five units, three mandatory and two optional. The mandatory unit's are:

- Working safely in an engineering environment
- Carrying out engineering activities efficiently and effectively
- Using and communicating technical information

The two optional units can be selected from a wide range of engineering disciplines and include the following:

- Assembling Mechanical Components
- Using Milling Machines
- Assembling Fluid Power Equipment
- Using Manual Metal Arc Welding Equipment
- Assembling Composite Components
- Wiring Electrical Equipment and Circuits
- Assembling Electronic Circuits

Although a competence based qualification learners can be assessed in a 'sheltered' environment such as a College of Further Education.

The qualification is suitable for a wide range of learners starting at the age of 14.

This is a Framework qualification.

Who could take this qualification?

It is a work-related, competence-based qualification, and is designed for someone wishing to progress either into or in work in the Advanced Manufacturing and Engineering sector.

What could this qualification lead to?

Learners can be employed in a variety of engineering jobs roles including:

- Machine operator
- Welder
- Draughtsperson
- Maintenance engineer
- Electronics operator
- Sheet metal worker.

The learner could progress onto an intermediate apprenticeship in Engineering or other qualifications such as:

Level 2 NVQ Diploma in Performing Engineering Operations
Level 2 Certificate in Engineering
Level 2 Diploma in Engineering
Level 2 NVQ Diploma in Mechanical Manufacturing Engineering
Level 2 NVQ Diploma in Fabrication and Welding Engineering
Level 2 NVQ Diploma in Engineering Maintenance

Who supports this qualification?

It is supported by the British Business and General Aviation association.