

16 September 2014

1 Giltspur Street
London
EC1A 9DD
T +44 (0)20 7294 2468
F +44 (0)20 7294 2400
www.cityandguilds.com

City & Guilds

600/9471/0 Level 2 NVQ Diploma 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 you to demonstrate your occupational competence through the development of hand-skills and gaining of knowledge.

You have option of selecting one of two pathways, Engineering Practices or Technical Support. For each pathway you must complete the following mandatory units:

- Working safely in an engineering environment
- Carrying out engineering activities efficiently and effectively
- Using and Communicating Technical Information

For the 'Engineering Practices' pathway you must then select a minimum of three optional units covering a wide range of engineering disciplines which include the following:

- Producing Components using Hand Fitting Techniques
- Producing Aircraft Detail Assemblies
- Preparing and Using Milling Machines
- Preparing and Using Manual Metal Arc Welding Equipment
- Maintaining Mechanical Devices and Equipment

For the 'Technical Support' pathway you must select a minimum of five optional units covering a range of engineering disciplines which include the following:

- Producing CAD Models (Drawings) using a CAD System
- Conducting Business Improvement Activities
- General Maintenance Engineering Applications

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

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 employment in the Advanced Manufacturing and Engineering sector.

What could this qualification lead to?

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

- Machinist
- Manual metal arc welder
- Draughtsperson
- Aircraft systems fitter
- Maintenance engineer
- Electronics operator
- Sheet metal worker.

You could progress onto an advanced apprenticeship in Engineering or other qualifications such as:

Level 3 Diploma in Engineering
Level 3 NVQ Diploma in Mechanical Manufacturing Engineering
Level 3 NVQ Diploma in Fabrication and Welding Engineering
Level 3 NVQ Diploma in Engineering Maintenance
Level 3 NVQ Diploma in Aeronautical Engineering

Who supports this qualification?

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