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City & Guilds

601/0077/1 Level 2 NVQ Diploma in Fabrication and Welding Engineering

OVERVIEW

What does this qualification cover?

It covers a wide range of fabrication and welding 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 the option of selecting one of ten pathways which include manual welding, rail welding, structural steelwork, pipework fabrication and plateworker.

For each you will complete the following mandatory units:

- Complying with Statutory Regulations and Organisational Safety Requirements
- Using and Interpreting Engineering Data and Documentation
- Working Efficiently and Effectively in Engineering.

Then dependant upon the overall pathway chosen you will complete a number of optional units which include:

- Joining materials by the manual metal arc process
- Welding rails using flash welding equipment
- Marking out components for fabrication
- Producing platework assemblies
- Assembling structural steelwork.

• Who could take this qualification? OR who is this qualification designed for?

It is a work-related, stand alone competence-based qualification available to anyone aged over 16. This would be suitable for someone who is new to fabrication and welding and would like their competence recognised.



WHAT COULD THIS QUALIFICATION LEAD TO?

- Will the qualification lead to employment, and if so, in which job role at which level?

You can be employed in a variety of welding and fabrication engineering job roles including:

- Fitter welder
- Pipe fitter
- Semi-skilled sheet metal worker
- Maintenance welding operative.

- Will the qualification support progression to further learning, if so, what to?

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

Level 3 NVQ Extended Diploma in Fabrication and Welding Engineering
Level 3 Diploma in Engineering

Who supports this qualification?

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