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## City & Guilds

600/3754/4 Level 1 Award in Introductory Tungsten Inert Gas (TIG) Welding

### OVERVIEW

What does the qualification cover?

This is a single unit qualification made up of five practical assignments. These involve producing welded joints in a variety of flat/horizontal positions, you will make sure the welded joint is sound and learn how to identify defects. You will then demonstrate your knowledge of the relevant welding process by answering a series of oral questions.

This is a Framework qualification.

Who could take this qualification?

This qualification would be ideal for someone who has no experience of welding or engineering or someone who is looking to add an additional welding process to their existing skills at this level.

This qualification is available to all age groups and there are no entry requirements.

What could this qualification lead to?

It could lead to a variety of TIG welding job roles across a number of sectors including:

- Aerospace
- Nuclear
- Construction (process and plant)
- Food & Drink
- Energy

Please note there are three other Level 1 Awards in Introductory Welding Skills available to you in Manual Metal Arc (MMA), Metal Inert Gas (TIG) and Oxy-Acetylene.

You may also want to consider the Level 1 Certificate in Introductory Welding Skills which is a longer programme and allows you gain skills in two of the four most popular welding processes; MMA, TIG, MIG and oxy-acetylene welding. This may be suitable if you are planning on progressing to an intermediate apprenticeship in welding where skills and knowledge of more than one welding process will be required.

There is also the Level 1 Certificate in Welding, Fabrication and Cutting skills, which will allow you to develop a broader range of skills. This may lead to a career as an engineering fitter welder or pipe fitter.

After completion of this Level 1 Award you may also wish to consider progression onto an intermediate apprenticeship in welding or engineering or other qualifications such as:

Level 2 Award in Welding Skills

Level 2 Award in Welding, Fabrication and Cutting Skills.

Level 2 Certificate in Engineering

Level 2 NVQ Diploma in Performing Engineering Operations

Level 2 NVQ Diploma in Fabrication and Welding Engineering

Who supports this qualification?

It is supported by the following Colleges of Further Education:

- College of North West London
- Gateshead College
- Hartlepool College

