

Apprenticeships

Level 3 Plate Welder Standard

Apprenticeship Code: ST0852
Sector: Engineering

Length of Delivery

Up to 36 months.

Entry Requirements

Apprentices without level 2 English and maths will need to achieve this level prior to taking the End Point Assessment.

About the Role

The broad purpose of the occupation is to manually weld plate and structural components to high standards of quality. This will involve fabrication, construction or repair of fabricated plate assemblies, extrusions and structural components (e.g. Channel, H-Beams, I-Beams etc.) used often used to fabricate larger components and assemblies. Plate welders will weld to internationally recognised quality standards using more than one manual arc welding process from Tungsten Inert Gas (TIG), Plasma Arc Welding (PAW), Manual Metal Arc (MMA), Metal Inert Gas (MIG)/Metal Active Gas (MAG) and Flux Cored Arc Welding (FCAW) on more than one material group from Carbon Steel, Low Alloy Steel, High Alloy Ferritic/Martensitic Steel, Austenitic Stainless Steel, Nickel & Nickel Alloys, Aluminium & Aluminium alloys, Titanium & Titanium Alloys, Copper & Copper Alloys.

What Apprentices need to learn

Apprentices need to complete 20% off-the-job training during the on-programme phase of their apprenticeship. Specific rules govern this, and it must take place in the apprentice's contracted hours.

Apprentices are required to demonstrate the skills, knowledge and behaviours for the standard. The below list details some of the requirements.

Knowledge:

- Work safely
- Plan and prepare welding activities
- Obtain, position and assemble welding equipment and associated safety protection
- Receive, inspect, condition and maintain consumables
- Set, test and monitor key welding parameters

Skills:

- Produce welds in plate and/or structural components using two welding processes
- Produce welds in plate and/or structural components using two materials
- Produce welds in plate and/or structural components covering three plate welding positions

Behaviours:

- Prepare, check and protect materials and work areas ready for welding
- Use manual processes and equipment to remove material
- Produce plate welds in 3 main joint configurations

End Point Assessment (EPA): how apprentices achieve their qualification

When the apprentice reaches the end of the On-Programme Assessment stage, they pass through “Gateway” to the End Point Assessment (EPA). The End Point Assessment comprises a range of assessment methods, including a knowledge test, practical observation and interview.

Before you can book End Point Assessment, Lakes College and the employer will sign off that the apprentice will be ready for EPA by a gateway assessment. The following qualifications will be required to be achieved prior to EPA:

- Where an apprentice has not already achieved Level 2 English and Maths (GCSE C/4 or above), they must do so before taking the End Point Assessment.

Progression Opportunities

This Standard is professionally recognised by the Welding Institute.

Next Stage

- If you are an employer please contact our Business Accounts Management lead via team-sales@lcwc.ac.uk, whom will arrange an appointment to support your recruitment needs.
- If you are an applicant please either:
Go to our website www.lcwc.ac.uk and apply
or contact our admissions team **01946 839300**
or email admissions@lcwc.ac.uk


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