

General Welder (Arc Processes)

Level: 2

Duration: 21 months

General Welders use heat to join metal parts together, working on everything from small components to large structural beams.

Apprenticeship overview

Core skills, knowledge and behaviours you will learn

- Manual arc welding techniques (TIG, MIG/MAG, MMA)
- To identify and prevent welding defects
- Understanding of metal properties and thermal cutting
- How to read blueprints and welding symbols
- How to operate welding equipment safely

Where you might work

- Construction sites
- Shipbuilding yards
- Oil and gas refineries
- Transport manufacturing

Typical job roles

- Arc Welder
- Fabrication Welder
- TIG Welder
- MIG Welder



Good to know

The work involves high heat, bright lights, and wearing of specialised masks

Precision is vital, as welds are often safety-critical

You may work in confined spaces or at height



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