

# **Fabrication and Welding**

# What you'll do as a Welder or Fabricator

# As a Welder or Fabricator you could:

- follow engineering drawings and instructions
- check the size of materials and prepare them to be joined
- calibrate tools and operate equipment
- inspect and test joins using precision measuring instruments
- dismantle and cut up metal
- find and fix faults

## **Working Environment**

You could work in a workshop, on a construction site or on a demolition site.

## **How Will I Study?**

You'll typically spend your full first year in a Gen2 Skills Centre for teaching and support sessions. In other years you will attend one day a week. You'll spend the rest of the time at your workplace.

#### **Duration**

36 - 42 months plus End Point Assessment, depending on the programme you study.

# **Skills and Knowledge**

#### You'll need:

- to be thorough and pay attention to detail
- the ability to work on your own
- design skills and knowledge
- knowledge of maths
- the ability to work well with your hands
- the ability to analyse quality or performance
- basic ICT skills

### **Entry Requirements**

#### You'll usually need:

5 GCSEs at grades 9 to 4 (A\* to C), or equivalent, including English and Maths, for an advanced apprenticeship.

# **Next Steps**

Following on from your apprenticeship you can move onto an Advanced or Higher-level apprenticeship.

There may also be the opportunity to apply for professional recognition with relevant professional institute.

# **Gen2 Apprenticeships**

Engineering Operative - Fabrication Level 2 Intermediate Apprenticeship Metal Fabricator Level 3 Advanced Apprenticeship