

# Level 2

APPRENTICESHIP STANDARD

## Engineering Operative - Fabrication & Welding Or General (Chesterfield)



### For careers in Engineering

- Mechanical Engineering Operative
- Fabricator
- Engineering Fitter
- Multi-disciplined Engineering Operative
- Materials, Processing and Finishing Operative
- Technical Support Operative
- Founding/Casting Operative

# Standard overview

Engineering operatives are predominantly involved in engineering operations which are key to the success of the manufacturing and engineering sector. This allows employers to grow their business while developing a work force with the relevant skills and knowledge to enhance and sustain the sector.

They will work individually or as part of a team to carry out a range of engineering operations such as, ensuring machines and equipment are maintained and serviceable, dealing with breakdowns and restoring components and systems to serviceable condition by repair and replacement. The engineering operative could also be skilled in operating a variety of machines (CNC or Conventional), assembling and repairing machine and press tools, dies, jigs, fixtures and other tools.

Engineering operatives must comply with statutory regulations and organisational safety requirements. This includes any environmental compliance procedures and systems as well as identifying hazards and hazardous situations.

This standard is designed for engineering operatives employed in the welding and fabrication sector. It would also be suitable for school leavers or individuals working within the industry looking to gain further qualifications.

## Standards – the benefits

At Learning Unlimited, we provide high quality training and development solutions for organisations across the UK. The Level 2 apprenticeship standard offered by Learning Unlimited brings together a range of benefits. From start to finish, we work with your business to tailor our training to meet your needs. With an excellent track record in delivering training to a variety of organisations and businesses, we can find a solution to help you take your staff to the next level.

## Entry requirements

- Employers will set their own entry requirements for this apprenticeship. However, GCSE English and maths at grade C/4 or above is preferred. Candidates without Level 1 English and maths must achieve this and take the test for Level 2 before completing the apprenticeship.

## Duration

- Up to 18 months.

## Workplace behaviours development

- Comply with the health and safety guidance and procedures, be disciplined and have a responsible approach to risk.
- Integrate with the team, support other people, consider implications of their own actions on other people and the business whilst working effectively to get the task completed.
- An open and honest communicator, communicate clearly, listen to others and have a positive and respectful attitude.
- Reflect on skills, knowledge and behaviours and seek opportunities to develop, adapt to different situations, environments or technologies and have a positive attitude to feedback and advice.

## End Point Assessment (EPA)

- Practical observation
- Professional discussion
- Portfolio of evidence

## Skills and knowledge development

- How to obtain the necessary job instructions, engineering drawings and specifications.
- Work safely at all times, complying with health and safety legislation, regulations, environmental compliance procedures and systems and other relevant guidelines.
- Identify and deal appropriately with any risks, hazards, hazardous situations and problems that may occur within the engineering environment within the limits of their responsibility.

## Qualifications or Industry Accreditation gained

- Level 2 Diploma in Engineering Operations (Skills)
- Level 2 Certificate or Diploma in Engineering Operations (Knowledge)
- Achieve English and maths Level 1 Functional Skills if applicable
- Sat the exam for English and maths Functional Skills at Level 2

# Delivery plan and apprentice progression

Throughout the apprenticeship, the apprentice is supported by their work-based tutor and employer mentor to ensure that they are progressing at the right pace and developing the skills and knowledge expected.

## Month 1-6

- Development of employer led learning plan
- Apprenticeship induction
- Functional skills
- Day release (2 days per week)
- Monthly reviews with tutor in the workplace

## Month 7-8

- Day release (2 days per week)
- Monthly reviews with tutor in the workplace
- Portfolio activities
- Mock observation
- Mock professional discussion

## Month 9-13

- Monthly reviews with tutor in workplace to build reflective portfolio
- Work-based project
- Mock End Point Assessment (month 13)

## Month 14-15

- End Point Assessment

## Off-the-job training

Every apprenticeship must include off-the-job training – equivalent to one day per week. This takes place during time normally spent at work but does not include the usual daily duties and responsibilities carried out as part of their normal role. It can consist of work and tasks ranging from projects, lectures and seminars to day release, blended learning and training to use specialist equipment.

It can form part of regular weekly sessions or be combined for larger blocks of time, depending on the approach that works best for the employer.

The delivery plan is for illustrative purposes only and may be subject to change.

## Progression

Upon successful completion apprentices will be eligible for progression onto a Level 3 apprenticeship or enter employment in the one of the following roles:

- Mechanical Engineering Operative
- Fabricator
- Engineering Fitter
- Multi-disciplined Engineering Operative
- Materials, Processing and Finishing Operative
- Technical Support Operative
- Founding/Casting Operative