

Level 2 Engineering Operative (ST0537)

Product Information Sheet

Minimum Duration to Gateway: 12 Months

Typical Duration: 12 - 18 Months

Funding: £7,000

<https://www.instituteforapprenticeships.org/apprenticeship-standards/engineering-operative/>

- Level 2 Diploma in Engineering Operations (Skills) - 603/3220/7
- Level 2 Certificate in Engineering Operations (Knowledge) - 603/3194/X

Occupation Summary

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

The role covers a wide range of common and job specific skills sets that can be transferred across the manufacturing engineering industry sectors during their careers. Dependent on the sector that they are employed in there may be subtle differences in terms of composition and application of the job role specific skills and knowledge they will require, however the core skills and knowledge will be the same regardless of the sector/area they work in.

Engineering Operatives will have clear reporting lines with anything outside their role and responsibility. They will work individually or as part of a team to carry out a range of engineering operations which could include ensuring machines and equipment used are maintained and serviceable, dealing with breakdowns, restoring components and systems to serviceable condition by repair and replacement; operating a variety of machines (CNC or Conventional); assembling and repairing machine and press tools, dies, jigs, fixtures and other tools; fabrication/installation of a wide variety of other sheet fabrications and equipment and; fabrication and assembly of metal parts joining techniques; preparing materials and equipment for engineering processes, providing technical support including communications software, test tools, performance, capacity planning, and e-commerce technology as required.

Engineering Operatives must comply with statutory regulations and organisation safety requirements including any environmental compliance procedures and systems.

Identify hazards and hazardous situations; Prepare the work area and equipment; Obtain and follow the appropriate job documentation and work instructions; Extract the necessary data and information from specifications and related documentation; Carry out the engineering activities in line with their job role; Carry out quality checks as required; working with minimum supervision either individually or as part of a team and will be responsible for their own actions and for the quality and accuracy and timely delivery of the work they undertake.

Examples of the occupational roles from across the Engineering and Manufacturing sector that would be covered within this standard are Servicing and maintenance operative; Machine setter/operative; Mechanical engineering operative; Fabricator; Engineering fitter; multi-disciplined engineering operative; Materials, processing and finishing operative, Technical Support operative, founding/casting operative.

An Engineering Operative must have the core requirements below and demonstrate the specialist requirements in ONE job specific role.

NOTE: Please refer to the link above for Knowledge, Skills, Behaviours and duty requirements.

Typical Job Roles Include:

- Engineering Operatives working within a maintenance role (this role can cover either mechanical, electrical, electronic, or fluid power work or a combination of them).
- Engineering Operatives working within a Mechanical Manufacturing Engineering role.
- Engineering Operatives working within an Electrical and Electronic Engineering role.
- Engineering Operatives working within a fabrication role.
- Engineering Operatives working within a material, processing or finishing role.

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- Engineering Operatives working within a technical support role.

End Point Assessment (EPA)

Consists of 2 assessment methods:

Assessment Method 1

Practical observation – to assess the Apprentice’s application of skills within the Apprentice’s place of work or in a suitable environment away from the workplace (for example in a centre approved by the EPAO).

Assessment Method 2

Professional discussion - to holistically assess KSB’s across the standard and will be informed by reflective portfolio.

On Programme Requirements

12 weekly progress and behavioural reviews.