

# Level 3 Engineering Fitter (ST0432)

## Product Information Sheet

**Typical Duration to Gateway:** 42 Months

**Funding:** £21,000

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

- Advanced Manufacturing Engineering (Development Knowledge) - 603/1353/5 (Years 1 and 2).

### Occupation Summary

This occupation is found in manufacturing and process sectors.

The broad purpose of the occupation is to produce complex high value, low volume components or assemblies in full or part, using machines, equipment, or systems, to the required specification. For example, turbines, cranes, gearboxes, production lines, rigs, and platforms. Fitters may typically have a mechanical, electrical, electronic, control systems, pipe fitting or instrumentation bias. To produce or re-furbish the components Fitters will interpret drawings or specifications and plan their work, for example ensuring they have the right tools, equipment, and resources to complete the task to the required specification.

Fitters are required to check their work against quality standards and adjust as required based on their knowledge. On completion of the task a fitter will hand over the product and prepare the work area for the next task by checking equipment meets the standards required to operate. They may be based in a workshop or client's premises - this may include hazardous environments.

In their daily work, an employee in this occupation typically interacts with line managers or supervisors; depending on the size of the employer and nature of the work they may work as part of a team of fitters or independently. They may interact with personnel in other functions for example, installation and maintenance engineers, health and safety and quality assurance personnel, as well as internal or external customers.

An employee in this occupation will be responsible for completion of their work to the required specification and deadlines, in line with quality, health and safety and environmental regulations and requirements, with minimum supervision.

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

### Typical Job Roles Include:

- Control and Systems Fitter
- Electrical Fitter
- Electronics Fitter
- Instrumentation Fitter
- Mechanical Fitter
- Pipe Fitter

### Professional Recognition

This standard aligns with the following professional recognition:

- Institution of Engineering and Technology (IET) for Engineering Technician (EngTech)

### End Point Assessment (EPA)

Consists of 3 assessment methods:

#### Assessment Method 1

Project - report including evidence and questioning, graded fail, pass or distinction.

#### Assessment Method 2

Multiple choice test, graded fail, or pass.

#### Assessment Method 3

Professional discussion, graded fail, pass or distinction.  
End-point assessment graded: fail, pass, or distinction.

Overall EPA and Apprenticeship can be graded Fail, Pass, Merit or Distinction.

### On Programme Requirements

12 weekly progress and behavioural reviews.