

General Overview

- ✓ Typical on-programme learning: 42 months
- ✓ EPA duration: 4 months
- ✓ Maximum funding: £21,000
- ✓ Level 3



The Engineering Fitter standard covers occupations in the 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 make adjustments 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 clients' 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.

Entry Requirements

There are no statutory, regulatory or other typical entry requirements.

On-Programme Competence Evaluation

The apprentice will complete on and off-the-job training, developing their knowledge, skills & behaviours as stipulated within the apprenticeship standard.

Gateway Requirements

The employer, supported by the training provider must confirm that the apprentice is ready for EPA, before the EPA process can begin.

The employer, supported by the training provider must sign a declaration to agree the apprentice has met the required criteria as set out in the Engineering Fitter standard.

As part of the SIAS EPA service, we will check that all gateway evidence has been met before we begin the process of EPA.

End Point Assessment (EPA)

The assessment plan defines the following methods of assessment for the Engineering Fitter standard.

1

Project: Report including Evidence, and Questioning

- Apprentices will conduct a project based on an engineering fitter activity undertaken during their EPA period. Following the activity, the apprentice will compile a report. The end-point assessor will ask a minimum of 10 open questions in relation to the project activity and report including evidence, to check authenticity of the work and assess the apprentice's depth of understanding and those KSBs that are assigned to this component that did not occur naturally during the project activity.
- Duration for questioning component: 60 minutes (+10% at end-point assessor's discretion).

2

Multiple-Choice Test

- 30 multiple-choice questions taken under exam conditions.
- Duration: 60 minutes.

3

Professional Discussion

- The purpose of the professional discussion is to determine the extent to which the apprentice understands the requirements of their role as defined by the standard and to explore them through discussion.
- 1:1 discussion consisting of 8 open questions. The portfolio of evidence must have sufficient content to demonstrate the apprentices' application of the specific knowledge, skills, and behaviours of the job role.
- Duration: 60 minutes (+10% at end-point assessor's discretion).



Assessment Marking & Grading

Results for each individual assessment method will be available within 15 working days from the assessment date.

The SIAS end-point assessor, will combine the results of each individual assessment method and provide an overall assessment grade of Fail, Pass, or Distinction.



Apprenticeship Certification

Your apprentice will receive a Certificate of Apprenticeship on successful completion of all individual assessment methods.



Guidance & Support

SIAS provide a range of resources which offer EPA guidance and support for the apprentice, the employer, and the college/training provider.

We aim help employers and colleges/training providers to support the on-going competence evaluation of the apprentices' knowledge, skills, and behaviour to ensure that your apprentice is confident for their EPA. All of our resources are comprehensively mapped to this apprenticeship standard.