

General Overview

- ✓ TYPICAL ON-PROGRAMME LEARNING: 24 MONTHS
- ✓ EPA DURATION: 4 MONTHS
- ✓ MAXIMUM FUNDING: £21,000
- ✓ LEVEL 3



The Laboratory Technician standard involves providing routine and one-off testing and technical support in a scientific laboratory environment.

The apprentice will be responsible for proactively finding solutions to problems and identifying areas for improving the business.

Laboratory technicians are expected to work both individually and as part of a laboratory team. They are able to work with minimum supervision, taking responsibility for the quality and accuracy of their own work. In any context working safely and ethically is paramount and many companies operate under highly regulated conditions. Laboratory technicians therefore follow quality procedures to meet the requirements of quality standards relevant to their work.

This apprenticeship standard has been carefully designed with some of the requirements of certain relevant professional bodies in mind. Apprentices and employers should speak to the professional bodies relevant to the industry or sector within which they are working to ascertain the additional requirements that must be met for professional recognition by these organisations. Recognition by those organisations will be dependent on the acquisition of learning as defined by them.

Entry Requirements

There are no requirements for previous knowledge or qualifications before commencement of the apprenticeship.

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 Laboratory Technician 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 Laboratory Technician standard.

1

Knowledge Test

- The purpose of this assessment is it allows for the efficient testing of knowledge where there is a right or wrong answer.
- 40 Questions: multiple-choice questions of which 5 questions will be based on a scenario/case study.
- Duration: 75 minutes.

2

Observation with Questioning

- The purpose of this assessment is to observe practical activity occurring naturally in the workplace.
- Duration: 3 hours.
- The purpose of the questioning is to assess underpinning knowledge and behaviours with a minimum of 5 open questions. Questions must be asked after the observation is complete.
- Duration: 20 minutes.

3

Structured Interview underpinned by a Portfolio of Evidence

- The purpose of this assessment is it allows the apprentice to be assessed against KSBs which may not naturally occur during the observation.
- It is supported by a portfolio of evidence, enabling the apprentice to demonstrate the application of skills and behaviours as well as knowledge.
- A minimum of 20 questions.
- Duration: 75 minutes.



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 to 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.