

General Overview

- Typical on-programme learning: 36 months
- Typical EPA duration: 6 months
- Maximum funding: £26,000
- Level 3



The aim of this End-Point Assessment (EPA) is to ensure that the apprentice is occupationally competent against the knowledge, skills and behaviours outlined in the assessment plan for this standard.

Note.

The Electrical Technician, Mechanical Technician, Control and Instrumentation Technician, Electrical Systems and Process Control Technician, Electromechanical Technician and Plant Operations Technician pathways have all been retired as of 04/03/2026 and replaced with either ST1426 Engineering maintenance technician – single discipline or ST1443 Engineering maintenance technician – dual discipline.

Wind Turbine Technician is now the only pathway available on this standard for new starts from 05/03/2026 onwards.

Apprentices will maintain the safety, integrity and effective operation of plant and equipment in industries that are part of, or have activities that are part of the broader national infrastructure Engineering Sector, such as: electricity generating environments, telecommunications power plants, oil and gas refining, nuclear waste reprocessing, processing and production of chemicals, pharmaceuticals, human and animal food, cosmetics, petrochemicals, sewerage and the exploration and exploitation of oil and gas.

They will be responsible for the quality of their own work, possibly others and ensuring the work is completed safely, meets stakeholder quality and time and budget requirements, whilst maintaining the efficient running of plant and equipment.

Wind Turbine Technicians will work on various types of plant and equipment commonly found throughout the Engineering Industry sectors and the Technicians can be expected to migrate through these sectors during the course of their careers. Dependent upon the sector that they are employed in there may be subtle differences in terms of the composition and application of the plant and equipment. However, the fundamental principles of operation will be the same regardless of the engineering sector.

Entry Requirements

Apprentices will need to have achieved English and mathematics qualifications in line with the apprenticeship funding rules at the time of their programme commencing.

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 Maintenance and Operations Engineering 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 Maintenance and Operations Engineering Technician standard.

1

Knowledge Test

- In the multiple-choice test, the apprentice answers questions in a controlled and invigilated environment giving the apprentice the opportunity to demonstrate the knowledge and skills mapped to this assessment method.
- The test will consist of 30 multiple-choice questions.
- Duration: 45 minutes.

2

Practical Observation

- Duration: typically, no longer than one day, on average 4-5 hours.
- The observation will relate to the specific role they are working towards.

3

Technical Interview

- The technical interview will be based on the contents of the portfolio of evidence, which will be compiled throughout the apprenticeship. The portfolio must have sufficient content to demonstrate the apprentice's application of the specific knowledge, skills and behaviours of the job role.
- Duration: 2 hours - 2 hours 30 minutes.



Assessment Marking & Grading

SIAS will notify the employer of the outcome of each of the assessments.

Performance in the EPA determines the overall grade of:

- fail
- pass
- merit
- distinction

To achieve an overall pass, the apprentice must achieve at least a pass in all the assessment methods.

To achieve an overall merit, the apprentice must achieve a minimum of a merit in the technical interview, a merit in the practical observation and a pass in the knowledge assessment.

To achieve an overall distinction, the apprentice must achieve a minimum of a distinction in the technical interview, a distinction in the practical observation and a merit in the knowledge test.

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



Apprenticeship Certification

The outcomes from the End-Point Assessment will be reviewed and a grade conferred by SIAS in accordance with SIAS QA procedures, which are available from SIAS. SIAS will notify the employer of the outcome of each of the assessments.

SIAS will apply for the apprentice's certificate, which will be sent by ESFA. The certificate confirms that the apprentice has passed the End-Point Assessment, has demonstrated full competency across the standard and is job-ready.



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.