

General Overview

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



The Maintenance & Operations Engineering Technician standard covers 7 roles;

- Electrical Technicians
- Mechanical Technicians
- Control & Instrumentation Technicians
- Wind Turbine Technicians
- Electrical System & Process Control Technicians
- Electromechanical Technicians
- Plant Operations Technicians

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.

Apprenticeship Entry Requirements

Typically, 3 GCSEs at grade C/4 or higher including Mathematics, English and Science, or equivalent or relevant experience.

On-Programme Competence Evaluation

The apprentice will complete on and off-the-job training, developing the core knowledge, skills and behaviours, and additional specific skills for each job role. A SIAS competence Evaluation log and Competence Tracker will be issued on registration.

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 will complete a SIAS Competence Evaluation log confirming that the apprentice has met the required Knowledge, Skills and Behaviours as set out in the Maintenance and Operations standard, including a declaration signed by both the employer and apprentice.

The apprentice must have achieved Level 2 in Maths and English.

Submission of a portfolio of evidence, cross referenced to the assessment criteria via a portfolio matrix.

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 & Operations Engineering Technician standard:

1

Knowledge Test

- 30 multiple-choice questions taken under exam conditions.
- Duration: 45 minutes.

2

Practical Observation

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

3

Technical Interview

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



Assessment Marking and Grading

The SIAS End Point Assessor, will combine the results of each individual assessment method and provide an overall assessment grade of Fail, Pass, Merit or Distinction. We provide detailed feedback to all apprentices, highlighting to those who have failed the areas they need to develop. Resits are made available to all apprentices.



Apprenticeship Certification

Your apprentice will receive a Certificate of Apprenticeship on successful completion of all individual assessment methods. Apprentices can also download a SIAS Record of Achievement per assessment component.



Guidance and Support

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

We support employers and colleges/providers in understanding the requirements of each standard they deliver, so that they are able to help their apprentices to develop the appropriate knowledge, skills and behaviours, in preparation for EPA. All of our resources are comprehensively mapped to this apprenticeship standard.

We believe passionately that end-point assessment doesn't begin at gateway, it starts when apprentices start on programme. We pride ourselves on working in partnership to deliver best in class customer experience and end-to-end solutions right across the learner journey from registration through to gateway, assessment and certification.