



ENERGY & UTILITIES  
INDEPENDENT  
ASSESSMENT SERVICE

# HIGH QUALITY END-POINT ASSESSMENT FOR APPRENTICESHIPS

THE ENERGY & UTILITIES INDEPENDENT ASSESSMENT SERVICE





# HIGH QUALITY END-POINT ASSESSMENT

The Energy & Utilities Independent Assessment Service is a Government approved apprenticeship end-point assessment organisation. We were the first end-point assessment organisation to have apprentices achieve on the new English apprenticeship standards.

We are committed to quality and deliver a rigorous and robust end-point assessment service, ensuring apprentices can do the job they are trained for. We work with a range of industries including gas, power, water, and waste management; and also nuclear and many more.

## Working with us

We have already completed end-point assessment for hundreds of apprentices and are ready to deliver for you and your apprentices today.

### We offer:

- ▶ **End-point assessment for 10 standards across 34 occupational pathways:** we can work with you across multiple apprenticeships

- ▶ **Governance and sector specialism:** we provide industry expertise, working with employers and technical experts at the cutting edge of industry innovation and delivery
- ▶ **Training and tools:** we offer a mixture of face-to-face training and webinars for your apprenticeship team, as well as guidance materials to support all those involved to ensure your apprentices are ready for end-point assessment

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“We are really pleased to have our first group of Trailblazer apprentices graduate. With the skills shortage in our industry the apprentice programme is key to supporting our manpower strategy. Many thanks to the Energy & Utilities Independent Assessment Service for guiding us through the process.”

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John Cowell  
Resource and Development Manager,  
Balfour Beatty



# APPRENTICESHIP STANDARDS

The Energy & Utilities Independent Assessment Service delivers end-point assessment for the following apprenticeship standards and occupational pathways:

## **Power Network Craftsperson Level 3**

Power Network Craftspersons are responsible for the safe construction, maintenance and repair of the UK's electrical power network, to provide a safe and reliable supply of electricity to the country. A Power Network Craftsperson will work on overhead lines, underground cables or substation fitting.

**This apprenticeship will typically take between 30 and 36 months.**

## **Electrical Power Protection and Plant Commissioning Engineer Level 4**

Electrical Power Protection and Plant Commissioning Engineers work across the electrical power sector in Power Generation, Power Transmission and Power Distribution. They install, conduct tests and commission protection systems and prove the integrity of other power system plants and equipment. They are responsible for testing and commissioning on electrical power projects and ensure that the work is conducted safely and reliably.

**This apprenticeship will typically take 36 months.**

## **Electrical Power Network Engineer Level 4**

Electrical Power Network Engineers work within the power sector, providing engineering solutions to solve complex electricity network scenarios in order to safely manage electricity supplies in normal and abnormal conditions. They undertake engineering activities to plan, manage, control, construct, replace, maintain and repair assets on the electricity network. This apprenticeship covers six occupational pathways: Asset Management Engineer; Planning Engineer; Design Engineer; Control Engineer; Electrical Project Engineer and Operational Delivery Engineer.

**This apprenticeship will typically take between 30 and 36 months.**



## Dual Fuel Smart Meter Installer

### Level 2

Dual Fuel Smart Meter Installation forms a key part of the Government's smart commitment to reduce carbon emissions and improve energy management. Dual Fuel Smart Meter Installers are responsible for the safe installation, exchange, commission, decommission and on-going maintenance of smart metering systems.

**This apprenticeship will typically take 14 months.**

## Maintenance and Operations Engineering Technician

### Level 3

A Maintenance and Operations Engineering Technician maintains the safety, integrity and effective operation of plant and equipment in industries including energy and utilities, nuclear, food and drink, pharmaceuticals, cosmetics and more. These Technicians will undertake installation, testing, servicing, removal, replacement, maintenance and repair of a range of equipment as part of planned preventative and reactive maintenance programmes. They may also decommission equipment when a plant is removed from service. This apprenticeship has seven occupational pathways: Electrical Technician; Mechanical Technician; Control and Instrumentation Technician; Wind Turbine Technician; Electrical System and Process Control Technician; Electromechanical Technician; Plant Operations Technician.

**This apprenticeship will typically take between 36 and 42 months.**

## Water Process Technician

### Level 3

Water Process Technicians perform reactive and routine maintenance on equipment to ensure safe and efficient operations, supporting other disciplines as necessary. There are five occupational pathways: Water Treatment Technician; Wastewater Treatment Technician; Water Distribution – Network Technician; Water Distribution – Leakage Technician; Wastewater (Sewerage) Network Technician.

**This apprenticeship will typically take up to 48 months.**

## Utilities Engineering Technician

### Level 3

Utilities Engineering Technicians create and test technological equipment for consumer and commercial use. In the utilities industry, engineering technicians focus on equipment used for producing and maintaining water supplies, electricity, hydraulic power, nuclear power and natural resources. There are three occupational pathways: Electrical Engineering Technician; Mechanical Engineering Technician; Instrumentation, Control and Automation Technician.

**This apprenticeship will typically take up to 48 months.**

## Gas Network Craftsperson

### Level 3

Gas Network Craftspersons safely build, maintain and repair components of the UK's gas network infrastructure to provide a reliable supply of gas to domestic, commercial and industrial users. There are four occupational pathways: Network Maintenance Craftsperson (Electrical & Instrumentation); Network Maintenance Craftsperson (Pressure Management); Network Pipelines Maintenance Craftsperson; Emergency Response Craftsperson.

**This apprenticeship will typically take between 12 and 36 months.**

## Gas Network Team Leader

### Level 2

Gas Network Team Leaders safely build, maintain and repair the UK's gas network infrastructure to provide a reliable supply of gas to domestic, commercial and industrial users. There are two occupational pathways: Service Layer Team Leader and Mains Layer.

**This apprenticeship will typically take between 12 and 18 months.**

## Gas Engineering

### Level 3

Gas Engineers develop a range of engineering and scientific skills to provide vital services to both homes and commercial properties including installing, commissioning, servicing, repairing and testing a variety of gas appliances. These appliances range from domestic central heating systems to non-domestic ducted air heaters and hot water storage systems. There are two occupational pathways: Domestic Gas engineer and Non-Domestic Gas engineer.

**This apprenticeship will typically take 18 months.**



We will provide you with tools and guidance to ensure you and your apprentices are ready for end-point assessment.

# CHOOSING YOUR END-POINT ASSESSMENT ORGANISATION

We recommend you appoint your end-point assessment organisation at the start of the apprenticeship, so you and your apprentices are clear on what is expected.

## Choosing the Energy & Utilities Independent Assessment Service

Once you appoint us we will provide you with guidance materials and training to support you throughout the apprenticeship journey, making sure you are prepared for end-point assessment.

We have already completed end-point assessment for hundreds of successful apprentices and are ready to help you and your apprentices to aim high.

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“Our intention as a company was to raise the bar for our apprentices and new entrants into the sector and the Energy & Utilities Independent Assessment Service rose to this challenge, creating a very thorough and high quality end-point assessment process that not only challenges the apprentices but also gives us the confidence as an employer that once through the process that they are ready to fulfil the requirements of their role. At United Utilities we had the first apprentices in the sector to gain a distinction. None of this would have been possible without the support and commitment of the Energy & Utilities Independent Assessment Service.

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Phil White  
Head of Learning and Development,  
United Utilities and Vice Chair, Governing Body  
of the Energy & Utilities Independent Assessment Service

### Find out more

To find out how the Energy & Utilities Independent Assessment Service can support end-point assessment of your apprentices, visit [www.euias.co.uk](http://www.euias.co.uk), or contact us on [enquiries@euias.co.uk](mailto:enquiries@euias.co.uk).

#### 1 Complete our employer selection form

You complete a form to confirm you have selected us as your end-point assessment organisation.



#### 2 Register apprentices

You or your training provider then register your apprentices with us.



#### 3 Confirm activity and payments

We will work with you and the lead training provider to arrange the necessary service level contracts and confirm activities.



#### 4 Identify technical experts and assessors

We will select and approve independent technical experts and assessors to meet each assessment plan's requirements.



#### 5 Attend training on end-point assessment

We will provide a mixture of face to face training and webinars for your apprenticeship team and for all technical experts and assessors on all the tools for end-point assessment. In addition, we will provide you with guidance materials to support all those involved.



## Organisations we work with include:



**Balfour Beatty**



**e-on**



**JACOBS**



**nationalgrid**



## Find out more

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