



Level 3

**Gas**

**Engineering**

**Operative**

# Hello!

**Gas engineers install and maintain gas appliances in domestic and commercial settings. All gas engineers must be registered on the Gas Safe Register. Learners completing this apprenticeship will be registered as competent to undertake work on at least four appliances.**

The responsibilities of a gas engineer include explaining how gas installations are designed and how appliances and controls operate. Gas engineers also provide energy efficiency advice to customers and often work in customers' homes, so customer service skills are essential.

The appliances a gas engineer may work on include:

- Central heating boilers.
- Cookers.
- Gas meters.
- Liquefied petroleum gas (LPG) appliances.
- Space heaters.

Being a gas engineer can also be physical in nature and may involve lifting and moving equipment, working at height, and working in confined spaces.



# Programme Overview

This 18-month programme develops knowledge, skills and behaviours through workshops and practical tasks in our full equipped training centre and through activities undertaken in the workplace.

The programme is delivered on a day-release basis, meaning that learners will go to the training centre for one day a week and spend the rest of their time at work.

Learners completing this apprenticeship will be registered on the Gas Safe Register as competent to undertake work on at least four appliances.

## Who the programme is designed for

Learners over 16 years old who are employed by a Gas Safe-registered company that can provide them with opportunities to capture workplace evidence. Learners must have means of transportation to attend the centre.



18 MONTHS IS THE TYPICAL PROGRAMME DURATION

## APPLIANCE PATHWAYS

CHOICE OF DIFFERENT GAS APPLIANCE PATHWAYS



SKILLS DEVELOPED IN DEDICATED TRAINING CENTRE



THEORY LEARNED IN FACE-TO-FACE WORKSHOPS



INCLUDES ACS GAS ASSESSMENT



GAS SAFE REGISTRATION ON SUCCESSFUL COMPLETION

# Delivery Model

Our programme is typically delivered over 18 months. The full range of knowledge, skills and behaviours covered by this apprenticeship can be viewed [here](#).



## Months 1-4

**Monthly workshops and activities**

**Progress review**

Topics include:

- » Health and safety
- » Safe electrical isolation
- » Standards and building regulations
- » Unsafe situations

## Months 5-9

**Monthly workshops and activities**

**Progress review**

Topics include:

- » Pipework and pipe sizing
- » Tightness testing
- » Operating pressure and heat input
- » Ventilation

## Months 10-14

**Monthly workshops and activities**

**Progress review**

Topics include:

- » Domestic chimneys and flues
- » Operational and safety controls
- » Appliance technology

## Months 15-18



**Monthly workshops and activities**

**Progress review**

Topics include:

- » Installation, commissioning and servicing
- » Fault finding and wiring
- » Gas ACS and EPA readiness

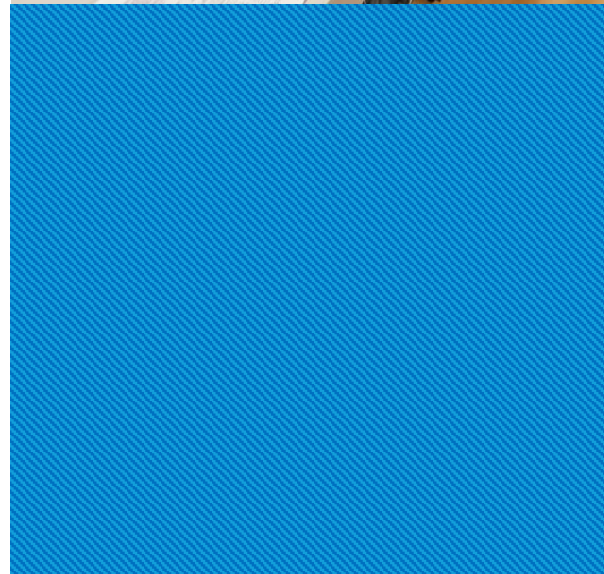
# Benefits

## For employers

- » Delivered by qualified engineers with years training experience.
- » Simple, paper-free onboarding process.
- » Choice of appliance pathways.
- » Training costs could be fully covered!
- » Functional Skills training and qualifications provided, if required.
- » Monitor progress with your own Employer Dashboard on our digital learning platform.
- » Access to cost reductions on additional training and qualifications.

## For learners

- » Supported by qualified engineers with apprenticeship experience.
- » Classroom theory blended with on-the-job skills development.
- » Access to a fully equipped training centre for hands-on learning.
- » Fantastic transport links to our training centre.
- » Small class size allowing for tailored support.
- » Develop an e-Portfolio with an award-winning learning management system.



# Bolt-on Courses

## **Air & Ground Source Heat Pump Systems (Level 3) – Combined Course**

This specialist course gives learners the chance to up their existing skills and develop the specialist expertise necessary to begin installing and maintaining ground, air and combined source heat pumps.

## **Water Regulations Certificate**

Taught over a single day, the Water Regulations Certificate is a specialist plumbing qualification recognised by the Water Regulations Advisory Scheme.

## **Hot Water Systems and Safety Course (Previously known as Unvented G3)**

This one-day course provides learners with the specialist training and expertise needed to install, service and maintain hot water systems.

Other courses available to bolt-on to the Level 3 Gas Engineering Operative apprenticeship are:

- **Level 3 Award in the Installation and Maintenance of Heat Pump Systems**
- **Non-Refrigerant Circuits**



# FAQs

## What are the English and maths requirements?

All learners are asked to provide English and maths qualification evidence (e.g. GCSE certificates) at enrolment. Learners who do not hold a Level 2 certificate or above in English and/or maths will receive support from a specialist tutor to complete a Functional Skills qualification. The aim is to complete this qualification within the first 6 months of the apprenticeship.

## What is the final assessment process?

This is called the End-Point Assessment (EPA) of an apprenticeship. The EPA for this apprenticeship is made up of 3 assessment methods:

- **Practical assessment with questions:** An observation of tasks that lasts 12 hours over 2 consecutive days and is followed by some questions. Learners must install, commission and decommission 4 different appliances in total.
- **Interview supported by a portfolio of work:** Takes place over at least 45 minutes.
- **Multiple-choice test:** Takes place over 60 minutes and features 40 multiple-choice questions.

## What do our learners say?

It is good to have monthly reflections where I can speak openly to my tutor, and she can provide information and guidance.

The support is very encouraging from the tutor. The workshops really support the assignments.

I love doing this Apprenticeship and the support network is AMAZING!

My Tutor is fantastic in explaining things, including everyone in workshops and allowing all voices to be heard. This has been a great experience.



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