

## Apprenticeship

# Diploma in Gas Engineering Level 3

The Level 3 Diploma in Gas Engineering is for individuals who are currently working or want to work within the Gas Sector as a gas engineer.

It allows learners to develop the knowledge and practise the skills required for employment in the gas engineering industry. It has been designed to support the on-programme element of the Gas Engineering Level 3 Apprenticeship Standard.

## Qualification Gained:

**Level 3 Diploma in Gas Engineering**

**Level 3 Gas Engineer Apprenticeship Standard**

### Progression to further study

On completion of the Level 3 Diploma in Gas Engineering qualification and Apprenticeship Standard, learners can apply to become a member of Gas Safe Register and receive a licence card for the relevant gas categories.

### Further details

On completion of the qualification, apprentices may be required to undertake an End Point Assessment at an alternative venue in order to fully complete the apprenticeship.

### Who to contact

**For more information please contact us:**

01704 392874

info@competeapprenticeships.co.uk

### Who is the course aimed at?

Anyone who is new to the industry, or has a related qualification such as Plumbing, and wishes to further develop their skills base.

### What will you study?

- + Health and safety in gas utilisation
- + Scientific principles in gas utilisation
- + Combustion and properties of gas
- + Buildings, services and structures
- + Gas safety principles
- + Specific core installation and maintenance
- + Tightness test, purge, commission and de-commission gas pipework up to 35 mm (1½) diameter in small gas installations
- + Install, commission and de-commission gas pipework up to 35 mm (1½) diameter in domestic and small commercial premises
- + Install domestic gas cookers, tumble dryers and leisure appliances
- + Maintain domestic gas cookers, tumble dryers and leisure appliances
- + Install domestic gas water heaters and wet central heating appliances
- + Maintain gas water heating and wet central heating appliances

### Knowledge and skills that you will develop

An in depth knowledge on a range of installation, service and maintenance techniques for domestic gas appliances, along with a sound understanding of the current regulations and British Standards.

Learners are required to gain Level 2 English and Maths for the Gas standard.

### Behaviours you will develop

Competency on the installation, service and maintenance techniques for domestic gas appliances, along with a sound understanding of the current regulations and British Standards

### Entry requirements

Employment as an apprentice with a Gas safe registered company that holds current CCN1/CENWAT/MET1 /HTR1/ CKR1 qualifications.

### Maths and English

All learners in a Level 3 Apprenticeship will need to provide evidence of a minimum Level 2 in Maths and English (or equivalent) prior to entering EPA Gateway.

You will need to provide evidence of at least one Level 2 in Maths or English prior to starting on the Apprenticeship. You will need to attend sessions to achieve all required Level 2 Maths or English to be able to successfully enter in to your EPA Gateway.

### How long will it last?

Two years

### How will it be delivered?

2 days per week in college - 1 day theory and 1 day practical plus any functional skills required.

### How will it be assessed?

- + Paper based multiple choice exams
- + Demonstration of skill in the simulation workshop
- + Onsite assessment activities
- + Portfolio of evidence and knowledge gained
- + End point assessment