

*Apprenticeship*  
**DIPLOMA IN  
GAS ENGINEERING**  
*Level 3*



*train | grow | succeed*

## 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.

### 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*

### Qualification gained

- ▶ *Level 3 Diploma in Gas Engineering*

- ▶ *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.

### Progression to further study

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

### Entry requirements

An initial assessment of Maths and English will be carried out prior to enrolment, and an interview with a member of our assessment team.

A level 2 functional skills qualification is required and Maths and English will be studied as part of the qualification if the apprentice does not already have grade C/4 in both.

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

### How long will it last?

18 months

### 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*

### Further details

On completion of the qualification, all apprentices will be required to undertake an end point assessment at an alternative venue to Southport College in order to fully complete the Apprenticeship.

### Who to contact

- ▶ *For more information please contact our Workforce Development Team on 01704 392874*