

QCF Level 3 Diploma in Gas Engineering

This course is designed for those new to the gas industry wanting to become a domestic gas engineer and register with Gas Safe. This course enables trainees to show their knowledge and understanding in the key aspects of health and safety, gas in domestic buildings, gas safety legislation and regulations working to the industry standards and practices.

Note: Portfolio of evidence working alongside a Gas Safe registered engineer is also required to complete the qualification

Duration:	2 Day's per week for 9 months
Course Space:	12 Trainees
Method of Delivery:	Trainer Led
Who is this for?	Those that wish to gain a qualification within the domestic gas industry and become a qualified gas engineer

Course Objectives:

- Understand safety in gas engineering in accordance with legislation and industry standards
- Scientific principles involved in gas engineering
- Properties of gas and the process of combustion
- Gas systems in buildings, services and structures
- Installation, commissioning and de-commissioning
- Maintenance of gas central heating systems
- Ventilation and flueing systems
- Tightness testing and purging procedures
- Emergency procedures, dealing with gas leaks, fumes and unsafe situations

Technical Information

Date Produced: April 2026

Pre-requisite Qualifications: There are no prior qualifications required. However, trainees must demonstrate Level 2 standard at mathematics and English to sit this course.

Assessment Type: Multi Choice question papers, practical assessments and portfolio of evidence