

Gas engineering apprenticeships

What does a gas engineer do?

Gas engineers safely install, commission, decommission, service and repair gas appliances, such as boilers and heating systems. This could be in a domestic setting, such as a home, or a non-domestic setting, such as a commercial business.

Gas appliances could include hot water storage, air heaters, cookers, heaters, meters, alternative fuel and industrial pipework.



Which apprenticeships are there as a gas engineer?

- Advanced: Gas engineering operative (level 3)



What could your typical daily tasks include?

- Explaining how installations and appliances work.
- Providing energy efficiency advice.
- Installing new appliances and equipment.
- Responding to emergencies.
- Finding and repairing gas leaks.
- Testing and servicing appliances such as boilers, heaters, cookers and other appliances that use gas as fuel.



How long will the apprenticeship take to complete?

A typical apprenticeship will take approximately 1.5 years to complete.



How much could you earn?

As a qualified gas engineering operative, you can earn on average between £18,000 - £38,000 a year depending on your experience and location.

Gas Engineer



Useful skills you will develop as a gas engineering operative

- Problem-solving and solution-focussed
- Ability to be thorough and pay attention to detail
- Persistence and determination
- Communication and time management
- Patience and the ability to remain calm in stressful situations
- Practical skills for installing equipment

Qualifications you might need

- Entry requirements will be determined by individual employers. Some employers may require certain GCSEs, but the majority of employers will be looking for someone with a willingness to learn and a genuine interest in gas engineering
- Employers will also typically carry out a security background check e.g. a DBS

Other trades and professions that gas engineering operatives might interact with:

- Project managers
- Architects
- Engineers

Qualifications you will gain

- The apprenticeship qualification
- If GCSEs in maths and English have not already been achieved, then you will work towards Level 2 by the end of your apprenticeship
- Construction Skills Certification Scheme (CSCS) – which provides proof of training to ensure you can work safely in construction
- If you achieve a pass or a distinction you can apply for membership with the Institution of Gas Engineers and Managers. With this qualification you can register with Gas Safe for 4 appliances

How could you progress?

By gaining skills and experience as a gas engineering operative, you could also have a successful future career as a:

- Team leader/supervisor
- Project manager
- Teacher/trainer
- Gas engineer
- Business owner – by starting your own business

