

Becoming a domestic gas engineer

The industry-recognised qualification scheme for working on gas in the UK is called **ACS** (Accredited Certification Scheme). ACS covers all areas of gas work including domestic, industrial, commercial catering, LPG, and gas meter installation.

Before you can take ACS assessments for the first time you must complete a **managed learning programme** from an approved training provider. The list of approved training providers can be found here: <https://www.euskills.co.uk/downloads/training-provider-directory/>

Our approved managed learning programme is called the **Guild of Gas Fitting Operatives (GGFO)**. If successful you will receive a certificate that will allow you to undertake ACS assessments. The GGFO course includes **off-job** training, **on-job** training, written exams and practical assessments.

GGFO off-job training

This takes place at our training centre. Classroom and workshop lessons cover all the required knowledge and practical skills needed for ACS including:

- Identifying unsafe situations
- Rectifying faults
- Understanding gas legislation
- Safe isolation
- Working on gas meters
- Designing and installing pipework
- Tightness testing and purging systems
- Flues and chimneys
- Ventilation
- Combustion analysis
- Testing gas pressures
- Checking gas rate and heat input
- Installing appliances
- Commissioning appliances
- Servicing appliances
- Testing gas safety controls
- Using manufacturer's instructions

GGFO on-job training

You must complete a **portfolio** of gas work under the supervision of a Gas Safe registered engineer. Novices will need to do 80 jobs. The first 15 jobs can be completed by simply observing your supervisor doing gas work. Then, as you learn, you gradually do more of the work yourself. At the end of the portfolio you should be able to do all aspects of the work. Please note that your supervisor must be present at all times while you are doing gas work.

If you already have limited scope ACS qualifications you need 50 jobs to progress to full scope.

GGFO assessment

When your portfolio is complete you return to the training centre for practical and written exams. This usually takes 3 to 4 days. If you are unsuccessful at the first attempt of any assessment you can retake it free of charge.

GGFO cost

The total cost of the GGFO is £ 2694 inc. VAT.

ACS assessments

ACS assessments typically take between 6 and 8 days to complete, depending on which appliance elements are taken. Like the GGFO, ACS assessments include written exams and practical tasks. The available domestic assessments are:

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|------------------------------------|---------|
| CCNI (Core domestic gas safety) | £ 510 |
| CENWAT (Boilers and water heaters) | £ 76.50 |
| CKRI (Cookers) | £ 76.50 |
| HTRI (Fires) | £ 76.50 |
| Certification fee | £ 60 |

Dates

The dates for the next GGFO:

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|--------|---------------------|--|
| Week 1 | Gas safety training | Monday 18 th November |
| Week 2 | Gas safety training | Monday 25 th November |
| Week 3 | Revision | Monday 16 th December |
| Week 4 | Formative tests | Dates can be arranged to suit in 1-day or 2-day blocks |
| Week 5 | GGFO assessment | To be arranged after completion of your portfolio |
| ACS | CCNI & appliances | To be arranged after completion of the GGFO assessment |