




Apprenticeship standard (England only)

Gas Engineering Operative

Industry: Construction

City & Guilds code: 9074

 **Typical duration:** 18 months
 **Maximum funding:** £27,000*
 **Level 3**

*Funding information accurate as of March 2019. For the most up-to-date information, check the [Institute for Apprenticeships and Technical Education \(IfATE\) website](#).

About the standard

A gas engineer installs, commissions, decommissions, services and repairs gas appliances in a domestic or non-domestic setting. They have detailed knowledge of their craft and should deliver a high level of customer service and follow health and safety laws. They typically work on appliances such as central heating boilers, unvented hot water storage, ducted air heaters, cookers and space heaters. The role is physical and may involve lifting and moving equipment, working at heights and in confined spaces.

The new standard was approved by the Department for Business, Energy & Industrial Strategy (BEIS) in February 2016 and directly replaces the Level 3 Gas Utilisation (6014).

On-programme: what apprentices need to learn

Apprentices need to complete 20% off-the-job training during the on-programme phase of their apprenticeship. Specific rules govern this and it must take place in the apprentice's contracted hours.

Summative assessment of knowledge, skills and behaviours required in the delivery of the Level 3 Gas Engineering operative apprenticeship are broken down into the following modules.

There are three stages in this on-programme:

Induction and Core Skills Training Stage 1 – to teach safe working and includes demonstrating and carrying out health and safety practices in gas utilisation as well as building services and structures.

Knowledge Training Stage 2 – at a workplace or training centre and includes written or practical assignments and knowledge assessments. These are graded against specific module/options. Apprentices then choose an optional pathway.

Workplace Training Stage 3 – a work log of practical activities, skills and competencies, and a practical observation of work activity in terms of quality and behaviour.

Refer to the [IfATE website](#) for further details on the standard and assessment plan.

City & Guilds has developed teaching and learning materials to support employers and learning providers to deliver on and off-the-job learning for this standard. For more information, [visit our webpage for Gas Engineering Operative here](#).

Gateway requirements

Before you can book end-point assessment (EPA), the provider and employer sign off that the apprentice will be ready for EPA.

For this standard, the employer and provider will need to sign a declaration to agree the apprentice has met the relevant Gas Engineering Operative knowledge, skills and behaviours as set out in the standard. To move on to EPA the apprentice must complete the three-stage Induction and Core Skills Training, Knowledge

Training, Workplace Training as well as maths and English Level 2. This lets apprentices build the full range of skills, knowledge and behaviours needed for EPA.

As part of our EPA service, City & Guilds will check all gateway evidence before the EPA event so you can have the confidence that the apprentice is ready for EPA.





EPA: how apprentices demonstrate their learning

End-point assessment (EPA) is the final stage that an apprentice goes through to complete their apprenticeship. The apprentice must show their learning to an independent end-point assessor and the grades available are distinction, pass or fail.

The apprentice submits a portfolio with a Gas Safe® registration certificate, competency test and work log review. The portfolio shows the skills, knowledge and behaviours for the core and specific requirements of the standard. The overall grading available is pass or distinction. Assessment events for this standard are:



Gas Safe registrations

Apprentices must legally achieve Gas Safe® registration as they need to prove competence in using appliances that contain Natural Gas or Liquid Petroleum.

The Nationally Accredited Certification Scheme for Individual Gas Fitting Operatives (ACS) is the industry recognised and accepted route to gain a certificate of competence needed to become a member of the Gas Safe® Register.



Competency test

A practical assessment known as a 'competency test' after achieving Gas Safe® registration.

Apprentices must show core and specific skills, knowledge and behaviours in a real world environment.

It may take place over a number of days and must cover four appliances in different, realistic working environments.



Work log interview/review

In the last three months of the apprenticeship, a technical expert will review the apprentice's portfolio and undertake a summative assessment of competence against the skills, knowledge and behaviours. Completing the work log and assessments lead to eligibility for Gas Safe® registration.

City & Guilds will allocate a skilled and experienced professional to assess the apprentice objectively against the standard. All assessments are standardised and quality assured.

To help you prepare apprentices and ensure they feel ready for assessment, we have created a suite of preparation resources, including:

- **EPA pack:** Details behind the standard and assessment plan, guidance on EPA tasks and grading, procedures for re-sits, timelines, venue and resource requirements for EPA. It is important that you are familiar with this information
- **EPA preparation tool:** Personalised login for each apprentice with useful learning resources relevant to the assessment skills required for their standard, ensuring they feel ready for their EPA experience

- **recording forms:** Supporting you to complete key stages of EPA readiness, we have prepared forms to give you peace of mind and confidence that everything is covered
- **LIEPA report:** A report produced by our lead independent end-point assessor (LIEPA) with insight into the EPA results for this standard and findings across all centres. These reports can help you refine your delivery to improve success rates
- our dedicated **EPA customer success team** will be on hand to support you through your EPA journey.



Apprenticeship certification

As well as receiving their IfATE apprenticeship certificate, the apprentice will receive a City & Guilds statement of achievement for EPA.



Why choose City & Guilds?

Personal support: Our dedicated EPA customer success team, Technical Advisors, Business Managers and Customer Service teams are on hand to help you throughout your apprenticeship journey.

Teaching tools and resources: All of our resources are mapped comprehensively to the standard and designed to draw out the skills, knowledge and behaviour apprentices need so they are confident for assessment and you know that everything is covered.

EPA support resources: Our specially created EPA resources will help you to prepare apprentices and ensure a smooth booking process.

EPA delivery: We are growing our EPA service, using new technologies to enhance the delivery and management of EPA.

Pricing that works for you: When you choose us for EPA, you pay a small registration fee and the balance once the EPA has taken place and results submitted.

Events and webinars: We deliver a range of events and webinars run by industry specialists to advise and guide you.

Progression: The journey never stops and we're committed to helping learners progress into a job, develop on the job and move into the next job. Visit our website [cityandguilds.com](https://www.cityandguilds.com) for our wider offering in this sector and information about leadership and management apprenticeships.



More information

If you're a City & Guilds centre, visit Walled Garden or contact your Business Manager for prices and any further information.

If you're a new customer, contact apprenticeships@cityandguilds.com to find out more.

Or visit [cityandguilds.com/apprenticeships](https://www.cityandguilds.com/apprenticeships) for full information on our apprenticeship products and services.

Visit [i-l-m.com/apprentice](https://www.i-l-m.com/apprentice) for information on management apprenticeships.

