

Apprenticeship standard (England only)

# Engineering Installer




Industry: Building Services Engineering

City & Guilds code: 6288

LARS number: 164



A City & Guilds Group Business

-  **Minimum duration: 24 months**
-  **Funding band: 10 (£12,000)\***
-  **Level 2**

\*Funding bands from May 2017

**On-programme learning:** Available

**End-point assessment (EPA):** We do not intend to deliver end-point assessment

Building services engineering installers need a basic knowledge of the industrial and commercial systems and how the components within systems relate to each other. They install components of large-scale industrial and commercial systems such as heating, and hot and cold water that heat workplaces in industrial and commercial buildings like office blocks, factories, schools and hospitals. Installers are able to work on new build construction sites and existing buildings under close supervision. They must follow safe working practices and demonstrate competence in the health and safety, communication, quality control and environmental requirements appropriate to their work.

The Department for Business, Energy & Industrial Strategy (BEIS) approved the new standard in March 2015 to directly replace the heating and ventilating pipework systems SASE framework.

## City & Guilds – helping you with an expert solution

There are four stages where we can work together to help your apprentices from the start through to successful completion of their training.



### Plan

Helping you plan and prepare for the new standards with a bespoke solution to make the most of your investment in apprentices.



### Attract

Simple online vacancy and candidate set up, TalentPortal can connect you to the talent you need to fill your apprenticeship vacancies.



### Deliver

High-quality, online and offline content to help draw out the skills, knowledge and behaviours to prepare apprentices for end-point assessment as well as tracking options to monitor performance.



### Assess

Support for you and your apprentices to prepare for end-point assessment by our first-rate, fully trained assessors. Our simple, flexible service meets the demands of your team and your partners.

### The apprentice journey



#### 1 On-programme (deliver)

Training and development takes place during this part of the apprenticeship. It may include a qualification if set in the standard.

Formative assessment of skills, knowledge and behaviours is required in the delivery of the standard and this will be outlined in the assessment plan.

Apprentices have to reach a minimum level of maths and English set by the standard. If they've not previously achieved this, they'll need further study and support.

### 1 On-programme: what apprentices need to learn

On-programme is the learning phase for apprentices to pick up the skills, knowledge and behaviours set in each standard. 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. You can track and authorise the 20% through our e-portfolio, Learning Assistant.

#### Our resources and tools that support on-programme delivery

Our core content for this standard covers Prevent, British values, equality and diversity, and health and safety which give you the basics to deliver the standard and satisfy regulators. It's a blend of e-learning and downloadable content. We also have:



##### Mandatory qualification

The mandatory units of the 6288 are closely aligned to the content of the apprenticeship standard and enhance the on-programme learning for the apprentice and employer.



##### Logbook

Available in print and as part of our e-portfolio, the Building Services Engineering Installer logbook helps track progress and guides the development of the apprentice's portfolio of evidence.



##### Learning Assistant

Learning Assistant is an innovative and cost-effective e-portfolio solution that allows colleges and training providers to improve dramatically the delivery of their vocational qualification by tracking progress online in real time.



##### Guidance documents

- Handbooks containing the knowledge qualifications.
- Advice on gathering evidence for the practical skills and behaviours.
- Qualification handbook.

#### Maths and English requirements

If your apprentices need to complete maths and English, our popular Functional Skills qualifications fit within apprenticeship programmes and cover the core maths and English requirement for the workplace and further study. We have an extensive support package available, including e-Functional Skills, and an online teaching and learning platform, which guides learners from an initial and a diagnostic assessment, through to being exam ready.

Find out more: [cityandguilds.com/functionalskills](https://www.cityandguilds.com/functionalskills)



### 2 Gateway

The employer and provider must sign off the apprentice as ready to move on to end-point assessment.



### 3 Assess

The end-point assessment must demonstrate that the apprentice can perform in the occupation in a fully competent, holistic and productive way.

The assessment will be graded if required by the standard.

The assessment organisation and assessor must be independent of, and separate from, the training provided by the provider and employer.



### 4 Apprenticeship certificate

On successful completion, the end-point assessment organisation will apply to the Education and Skills Funding Agency (ESFA) for the apprenticeship certificate. The certificate is sent to the apprentice's employer.

### 2 Gateway

Apprentices must achieve the following before EPA:

Level 1 ICT;  
Level 2 Heating and Ventilating Installer;  
Level 2 English and maths.

### 3 End-point assessment (EPA): how apprentices demonstrate their learning

EPA is the final stage that an apprentice goes through to complete their apprenticeship. The apprentice must demonstrate their learning to an independent end-point assessor.

We don't intend to offer EPA for this standard, and you can find more information on the standard on [instituteforapprenticeships.org](https://www.instituteforapprenticeships.org)

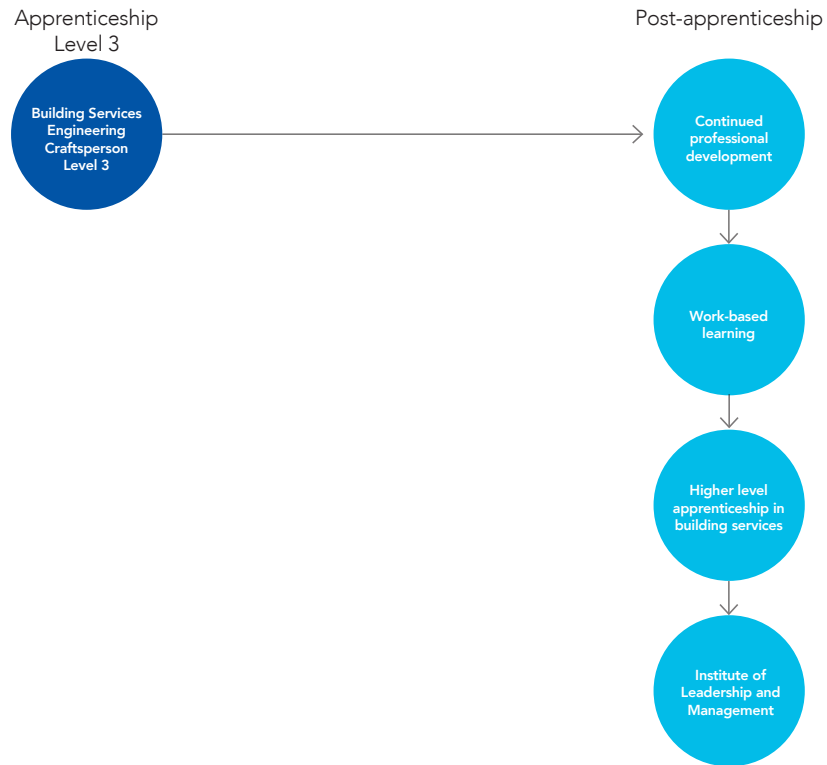


### 4 Apprenticeship certification

Apprentices will receive their Institute for Apprenticeships (IfA) apprenticeship certificate.

## Progression with City & Guilds Group

This apprenticeship is part of our wider offering in the sector and you can develop new and existing talent with ILM management apprenticeships including: Team Leader/ Supervisor Level 3; Operations/Departmental Manager Level 5; Chartered Manager Degree Level 6 and the Senior Leader Master's Degree Level 7.



It has been developed to meet the needs of employers and designed with input from an employer group including: BESA, Priddy Engineering Services Ltd, Aura Construction Ltd, Crown House Technologies, Shepherd Engineering Services Ltd, C Caswell Engineering Services Ltd, Briggs & Forrester Engineering Services Ltd, N G Bailey Ltd, Hargreaves, Gowing and Hunt Ltd, Overclean Ltd, Skanska Rashleigh, Weatherfoil Ltd, Imtech UK Ltd, Bouygues E&S FM UK Ltd, Norland, Bilfinger Europa FM Ltd, Independent Air Quality Consultancy Services Ltd, Jordan Environmental Ltd, TRS Ltd, Skanska Rashleigh Weatherfoil Ltd, Vinci, Hotchkiss Ltd, Ductwork Design & Installation Ltd, Roperhurst Ltd and E Poppleton & Son Ltd.

## How our offer supports you:

### Supportive payment structure

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

### Personal support

Our Technical Advisors, Business Managers and Customer Service teams are on hand to help you with all aspects of apprenticeships.

### Specialist online tools

Our e-Functional Skills can boost maths and English; Skills Zone develops workplace behaviours and skills; and our e-portfolio, Learning Assistant, lets you manage assignments and track the 20% off-the-job training requirement.

### Events and webinars

We deliver a range of events and webinars run by industry specialists to advise and guide you, including regional networking and CPD events.



### More information

If you're a City & Guilds centre, visit Walled Garden or contact your Business Manager to find out prices and if any elements are extra to the package. If you're a new customer, contact [apprenticeships@cityandguilds.com](mailto:apprenticeships@cityandguilds.com) to find out more.

Or visit [cityandguilds.com/apprenticeships](https://cityandguilds.com/apprenticeships) for full information on our apprenticeship products and services. Visit [i-l-m.com/apprentice](https://i-l-m.com/apprentice) for information on management apprenticeships.