

Apprenticeship standard (England only)




# Land-based Service Engineer (Construction Plant Maintenance)

Industry: Land-based

City & Guilds code: 9201-52

LARS number: 69



-  **Typical duration:** 18 months
-  **Funding band:** 12 (£18,000)\*
-  **Level** 2

\*Funding bands from May 2017

**On-programme learning:** Available

**On-programme optional qualification:** Available

**End-point assessment (EPA):** Available

Land-based service engineers are typically supervised by a senior technician in the workplace or on a customer's site. They may work outdoors and where appropriate and safe to do so, may be approved to work on their own initiative.

They work on and maintain a diverse range of tasks and machinery, plant and equipment specific to their sector within the land-based engineering industry; this sector being construction plant maintenance.

The nature of the job role presents challenges ranging from routine maintenance to the repair of elementary mechanical faults. This requires a diverse blend of skills, underpinning industry knowledge and the behaviours and disciplines required for an environmental and safe working practice.

## 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 City & Guilds Land-based Service Engineer (Construction Plant Maintenance) apprenticeship

## 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.

### Knowledge

- Health and safety
- Workplace procedures
- Workshop practices
- Record keeping
- Operating machinery
- Machine maintenance
- Interpret technical data.

### Skills

- Use appropriate tools and equipment
- Undertake basic repairs and operational tests on machinery and equipment, including welding
- Understanding machinery documentation
- Communicating technical information
- Operational testing
- Work efficiently individually and as a team member.

### Behaviours

- Safety orientation
- Quality focused
- Communicator
- Team player
- Willingness to learn.

## 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:



### Optional qualification

The City & Guilds Level 2 Diploma in Work-based Landbased Engineering Operations (Construction Plant Maintenance) (0059) is closely aligned to the content of the apprenticeship standard and enhances the on-programme experience for the apprentice and employer, supporting onprogramme formative assessment.



### Learning Assistant

Innovative and cost effective e-portfolio solution that lets you dramatically improve the delivery of their apprenticeship standards by tracking apprentices' progress online in real time. And helps authorise and evidences 20% off-the-job learning.



### Guidance documents

Guidance for apprentices and training providers to help prepare the apprentice for their end-point assessment will be available on the City & Guilds website.

### 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)

# The City & Guilds Land-based Service Engineer (Construction Plant Maintenance) apprenticeship



## 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

To move on to end-point assessment the apprentice must complete a log of progression demonstrating evidence of the relevant knowledge, skills and behaviours as defined in the apprenticeship standard, achieve maths and English (Level 1) and take the test for Level 2 functional skills.

## 3 End-point assessment (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 demonstrate their learning to an independent end-point assessor and the grades available are fail, pass, merit or distinction. Assessment events for this standard are:



### Online knowledge test

Duration: One-hour and 30 minutes

45 multiple-choice questions with a minimum of four-response options.

The test is held in controlled conditions.



### Practical task

Duration: One six-hour day

There will be three tasks included in the practical task EPA.

The maximum duration of each of the practical task will be one-hour and 45 minutes.



### Professional interview

60-minute structured discussion between the apprentice and their independent end-point assessor (IEPA). This is a chance to gather or explore further evidence. The conversation will be steered towards the knowledge, skills or behaviours in the standard and based on the log of progression.

Find out more at:  
[cityandguilds.com/apprenticeships](https://cityandguilds.com/apprenticeships)

## Our resources and tools that support end-point assessment

We're applying to be on the register of end-point assessment organisations for this standard. Our EPA service includes support resource as well as flexibility around assessment delivery and a dedicated EPA team to support you.



### EPA preparation tool

Online content to help the apprentice feel ready for their EPA experience.

Personalised to their confidence levels and the standard, they're sent free access details once they're registered with us for EPA.



### EPA team

Our dedicated EPA team is on hand to help with bookings and questions on anything from the assessment process to evidence portfolios.



### EPA pack and guidance

Let our support, including short videos and how to guides help you get to grips and stay on track with the EPA process.



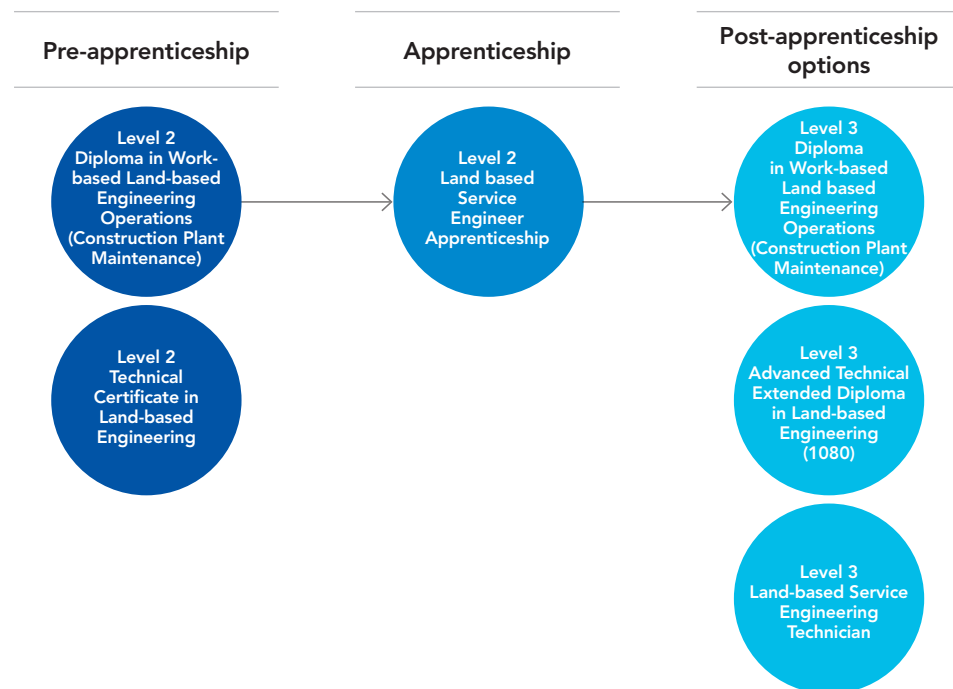
## 4 Apprenticeship certification

The apprentice will receive their Institute for Apprenticeships (IfA) apprenticeship certificate. Apprentices that complete a City & Guilds EPA will receive a City & Guilds statement of achievement for end-point assessment.

# The City & Guilds Land-based Service Engineer (Construction Plant Maintenance) apprenticeship

## Progression with City & Guilds Group

This apprenticeship is part of our wider offering in the Land-based sector. We provide the following opportunities.



This apprenticeship standard was developed to meet the needs of employers and designed with input from an employer group including: CLAAS UK Ltd, Toro, Kubota (UK), AGCO Ltd, Ransomes Jacobson, John Deere, Case New Holland, Agricultural Engineers Association (AEA), British Agricultural and Garden Machinery Association (BAGMA) and Institute of Agricultural Engineers (IAgrE).

## 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.