

Apprenticeship standard (England only)

Rail Engineering Technician




Industry: Rail Engineering

City & Guilds code: 6497 and 6499

LARS number: 789



A City & Guilds Group Business

-  **Typical duration: 36 months**
-  **Funding band: 15 (£27,000)***
-  **Level 3**

*Funding bands from May 2017

On-programme learning: Available

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

A rail engineering technician supports rail engineers and works on the safe construction, installation, maintenance and renewal of the railways to provide a safe and reliable infrastructure. Disciplines include: track, overhead line, electrification, traction and rolling stock, signalling and telecoms.

The new standard was approved by DfE in March 2015 and replaces the Advanced Level Apprenticeship frameworks for Rail Infrastructure Engineering (England), Rail Traction and Rolling Stock Engineering (England) and Rail Engineering Overhead Line Construction (England).

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 Rail Engineering Technician 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. Apprentices take two mandatory qualifications to develop their knowledge and competence.

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

6497-02 Level 3 Diploma in Rail Engineering Technician Knowledge includes technical knowledge assessments to meet your employers' needs. Graded pass, merit or distinction.

6499-02 Level 3 Diploma in Rail Engineering Technician Competence. Competency (knowledge, skills and behaviours) assessed in the workplace and externally verified using a portfolio of evidence that proves the apprentice can perform at the level expected in the standard.



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 apprenticeship standards by tracking progress online in real-time.



Guidance documents

E-portfolio, handbook and centre-devised guidance documentation and support.

Qualification handbooks with the information on how to deliver and assess the apprentices and how to develop centre-devised assignments are on [cityandguilds.com](https://www.cityandguilds.com)

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 Rail Engineering Technician 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

The employer, in discussion with the apprentice and the training organisation, will decide if the apprentice is ready for the end-point assessment once the qualifications and the Level 2 English and maths requirements are completed.

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

Graded pass or fail. End-point assessment components:



e-portfolio

A portfolio of evidence of occupational competence covering the standard.



Occupational competence validation interview

A portfolio-based occupational competence validation interview – a viva – with the employer. Graded pass or fail.



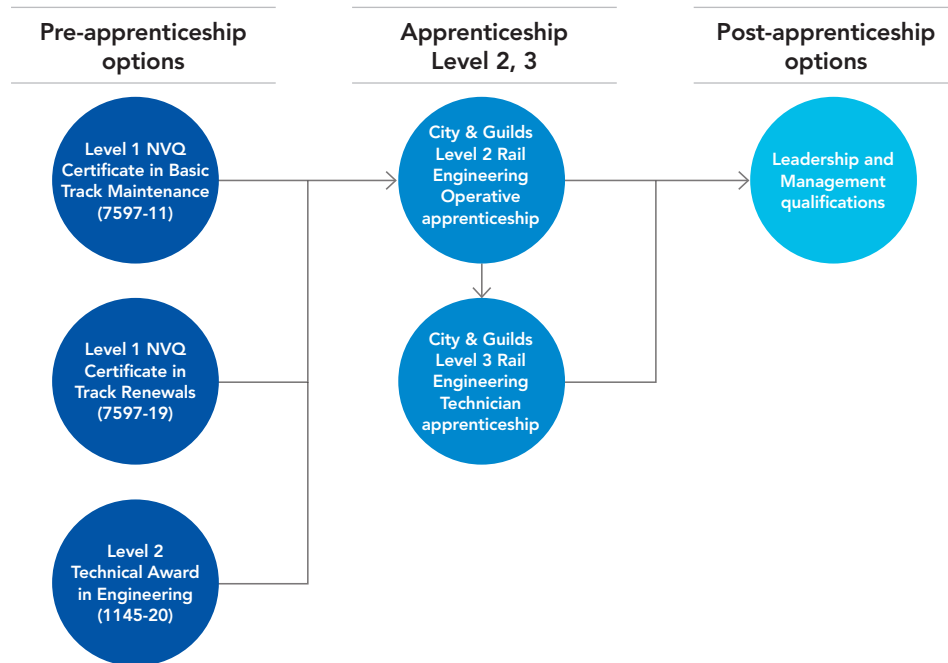
4 Apprenticeship certification

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

The City & Guilds Rail Engineering Technician apprenticeship

Progression with City & Guilds Group

This apprenticeship is part of our wider offering in the sector. Develop new and existing talent at all levels 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 the trailblazer group including: Alstrom Transport UK Limited, Amey, Babcock International Group – Networking Engineering, Carillion, DB Schenker Rail UK Limited, DEG Signal Ltd, Eurostar International Ltd, High Speed Two Limited, Hitachi Rail Europe Ltd, Merseyrail Electrics 2002 Ltd, MGB Engineering Ltd, Network Rail, Siemens Rail Systems, Siemens Rail, Automation Holdings Ltd, Signalling Solutions Ltd, Stagecoach South West Trains, Telent Technology Services Ltd, Transport for London, VolkerRail Ltd and National Skills Academy for Rail (NSAR).

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 to find out more.

Or visit cityandguilds.com/apprenticeships for full information on our apprenticeship products and services. Visit i-l-m.com/apprentice for information on management apprenticeships.