

Apprenticeship standard (England only)

# Rail Engineering Technician

Industry: **Rail Engineering**

City & Guilds code: **6497 and 6499**

LARS number: **89**



A City & Guilds Group Business

 **Typical duration: 36 months**

 **Funding band: 15 (£27,000)\***

 **Level 3**

\*Funding bands from May 2017.

**On-programme learning:** Open for registrations  
**End-point assessment:** We do not intend to deliver end-point assessment

Our rail engineering technician apprenticeship offer provides the qualifications needed from the on-programme phase of the apprenticeship to prepare for end-point assessment.

The new rail engineering technician apprenticeship was approved by DfE in March 2015 and will replace the current Advanced Level Apprenticeship frameworks for Rail Infrastructure Engineering (England), Rail Traction and Rolling Stock Engineering (England) and Rail Engineering Overhead Line Construction (England).

It has been developed to meet the needs of employers and designed with input from the trailblazer group including: Alstom 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).

## City & Guilds – helping you with a tailored package

Our Digital Learning Resources Team has been working together with our well-established network of specialists, colleges and providers, to develop the right tools to support on- and off-the-job training.



### Qualification (6497-03, 6499-03)

The City & Guilds Level 3 Diploma in Rail Engineering Technician Knowledge.  
The City & Guilds Level 3 Diploma in Rail Engineering Technician Competence.



### Learning Assistant

Tracks progress online in real time.



### Guidance documents

Covering knowledge, and advice on practical standards and behaviours.

Our exclusive support package has been designed to keep your apprentices motivated and on track for successful end-point assessment.

For more information please visit [cityandguilds.com](http://cityandguilds.com)

A rail engineering technician provides support to rail engineers working on the safe construction, installation, maintenance and renewal of the railways to provide a safe and reliable infrastructure for customers. Apprentices will specialise in one of the following disciplines: track, overhead line, electrification, traction and rolling stock, signalling and telecoms.

### The apprentice journey



#### 1. On-programme, on-the-job and off-the-job training

Training and development takes place during this part of the apprenticeship, which includes a qualification if it is identified as a requirement 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.

Maths and English are required (level varies according to the standard) depending on the apprentice's prior achievement.

### 1. On-programme: what is required in the assessment plan?

During the on-programme phase apprentices will develop the skills, knowledge, competence and behaviours expected of a rail engineering operative by achieving the following qualifications:

**(6497-03)** Level 3 Diploma in Rail Engineering Technician Knowledge

**(6499-03)** Level 3 Diploma in Rail Engineering Technician Competence.

### How our offer supports on-programme delivery



#### Qualification

**(6497-03)** Level 3 Diploma in Rail Engineering Technician Knowledge includes technical knowledge assessments to meet your employers' needs. Learners taking this will be given a grade of pass, merit or distinction.

**(6499-03)** Level 3 Diploma in Rail Engineering Technician Competence. Competency (knowledge, skills and behaviours) will be 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 as well as additional guidance on how to develop centre-devised assignments are available at [cityandguilds.com](http://cityandguilds.com)

## 2. Gateway

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

## 3. End-point assessment

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 certification

On successful completion, the end-point assessment organisation will apply to the ESFA for the apprenticeship certificate. The certificate will be sent to the apprentice's employer.

### 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, 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

We do not intend to deliver EPA.



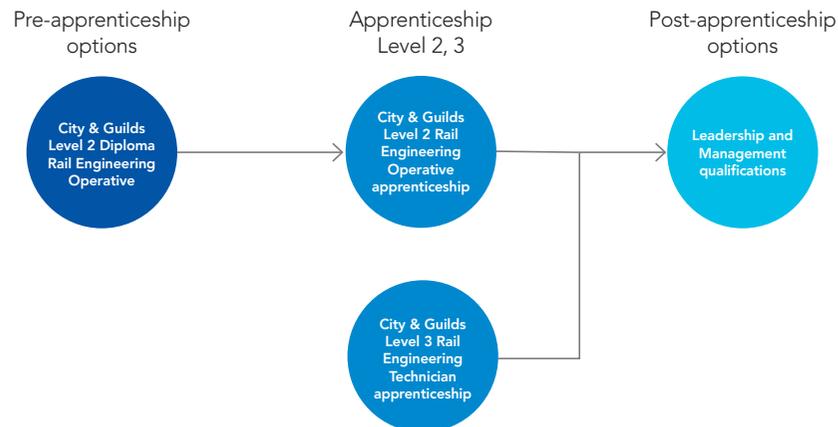
## 4. Apprenticeship certification

On successful completion of the end-point assessment the chosen assessment organisation will apply to ESFA for the apprenticeship certificate.

# Apprenticeships are changing. Our commitment to you never will.

## Progression in the rail engineering industries with City & Guilds

This apprenticeship is part of our wider offering in the rail engineering sector. We provide the following pre- and post-apprenticeship opportunities.



## Our commitment to you

Alongside our support materials for this standard, we're dedicated to supporting your wider apprenticeship strategy with a range of events and webinars run by industry specialists to advise and guide you.

And our consultancy teams can help you prepare for apprenticeship delivery and help you understand the new standards and funding.

## Information about events, webinars and our consultancy is online:

[cityandguilds.com/apprenticeships](http://cityandguilds.com/apprenticeships)

## How our offer supports providers

### Technical support

Our Technical Advisors are on hand to answer any questions you might have about on-programme learning or end-point assessment.

### Customer Services Team

Our dedicated Business Managers and Customer Support Team are here to support you and your learners throughout all aspects of apprenticeships from registration to completion.



### 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.