

Highfield **Level 4** End-Point Assessment for **High Speed Rail and Infrastructure Advanced Technician**



Government funding band – **£21,000**



On-programme duration – **12 months (minimum),
typically 36 months**



Gateway requirements –
• **level 2 in English and maths**
• **4000-word project**



End-point assessment method – **knowledge exam, professional
discussion and practical observation**

Working in the rail sector

High speed rail is a specialist occupational area of work. High speed rail specialists include civil engineers, higher technicians in track, power and infrastructure, and operations managers. The high speed rail and infrastructure advanced technician provides technical solutions across the construction, maintenance and operation of a high speed railway, as defined by their job role. They are responsible for the safe design, construction, installation, maintenance and operation of a high speed railway that provides a safe and reliable service for its customers. High speed rail and infrastructure advanced technicians will have developed core knowledge, skills and behaviours alongside knowledge and skills in one of seven specialist areas. These are civil engineering, track, systems engineering, command, control and communication, rolling stock, power, and operations.

The programme's structure

Apprentices will be placed in a high speed rail and infrastructure role for a minimum of a 12-month period, during which they will be supported while on-programme by their assessor. The assessor will review the progress of the apprentice during this period against the standard to ensure they are prepared for the end-point assessment. There will be a 4,000-word project related to the apprentice's specialist option and this will be completed during the last 6 months of on-programme training. This project will be reviewed by the employer and used to decide whether the apprentice is ready for the end-point assessment.

Your apprentice's journey



Ready for training

- Initial assessment
- English and maths training
- On-programme training to meet the requirements of the standard
- Completion of a 4,000-word project
- Gateway readiness self-assessment

Set for assessment

End-point assessment methods are: Knowledge exam

- Two-hour, multiple-choice and written exam covering both the core knowledge and the apprentice's specialist function

Practical observation

- Structured 3-hour observation of work-based tasks, demonstrating the skills and behaviours appropriate to the standard

Professional discussion

- Knowledge, skills and behaviours evidenced in a 1-hour discussion with the assessor, where the apprentice can draw on examples from the on-programme work project to provide supporting evidence

Go further

Progression from this apprenticeship is expected to be into a specialised high speed rail and infrastructure role with the option to move into higher level management.

Available support

On-programme support

- Delivery resources
- Qualification mapped to standard
- Tutor support resource
- Innovative and multi-device e-learning courses

End-point assessment support

- Gateway and mock assessments
- Bespoke end-point assessment solutions
- Progression tracking system
- Staff training, standardisation and support



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