

Purpose statement

The following purpose is for the City & Guilds Level 3 Diploma in Rail Engineering Technician Competence **(603/0407/8)**

Area	Description
OVERVIEW	
<p>What does this qualification cover?</p>	<p>Rail Engineer Technicians are responsible for the safe construction, installation, maintenance and renewal of the railways to provide a safe and reliable railway for customers. Therefore, it is indispensable that Rail Engineer Technicians are able to prove their competence at the level expected by the industry.</p> <p>This qualification provides learners with the opportunity to prove that they are able to work competently at the level expected by the industry and have gained the skills and knowledge required to perform job roles such as:</p> <ul style="list-style-type: none"> • Track Technician • Overhead Line Technician • Electrification Technician • Traction & Rolling Stock Technician • Signalling Technician • Telecoms Technician. <p>For further information on the structure and the units that must be taken, please refer to the qualification handbook at the website https://www.cityandguilds.com/qualifications-and-apprenticeships/transport-maintenance/railway/6499-diplomas-in-rail-engineering-competence#tab=documents</p>
WHAT COULD THIS QUALIFICATION LEAD TO?	
<p>Why choose this qualification over similar qualifications?</p>	<p>Currently there are no other competence only qualifications specific to this area of the rail industry with the same depth and breadth.</p> <p>Upon completion of this qualification learners will have been provided with the self-confidence and motivation to take advantage of the many opportunities for progression and development within the industry, such as:</p> <ul style="list-style-type: none"> • Carrying out further training in the following areas: track renewals, track maintenance, traction and rolling stock, electrification construction, electrification maintenance and signal and telecommunications.

	<ul style="list-style-type: none"> • Progression into employment by taking up a Rail Engineering Technician or Advanced Technician Apprenticeship. • Improve their leadership and management skills by taking higher level qualifications through the Institute of Leadership and Management.
Alternatives routes to achieve the same outcome?	A learner would take this qualification as a standalone option instead of an Apprenticeship if they are self-employed as a contractor or on short term contracts that do not support an Apprenticeship programme.
How this qualification supports the identified outcome(s)?	It provides the flexibility to undertake a qualification on a part time or full time basis. This would help them fit learning in with their own work and home circumstances and the opportunity to prove their competence at the standard required by the industry.

WHO SUPPORTS THIS QUALIFICATION?	
Employers and trade associations	This qualification has been developed in collaboration with the Rail Engineering Employer group which is led by organisations from the industry including: Transport for London, Network Rail, Alstom Transport Services, Amey, Babcock, Carillion, DB Schenker Rail UK, DEG Signalling, First Group, Hitachi Europe, HS2, MGB Engineering, National Express (c2c Ltd), Siemens, Signalling Solutions, Southwest Trains, Telent Technology Services Ltd, VolkerRail, National Skills Academy for Rail, Eurostar, Merseyrail and Virgin East Coast.