

Purpose statement

The following purpose is for the **City & Guilds Level 3 NVQ Certificate in Rail Engineering Electrification Construction (600/3236/4)**

Area	Description
OVERVIEW	
<p>What does this qualification cover?</p>	<p>This qualification is aimed at learners that would like to demonstrate that they are able to work competently as a skilled Electrification Construction Technician at the standard expected by the industry.</p> <p>The key activities addressed by this qualification are:</p> <ul style="list-style-type: none"> • Plan railway electrification activities • Prepare for maintenance/installation of railway electrification equipment and components. • Allocate and monitor resources for railway electrification engineering activities. • Isolate and earth contact systems to meet defined isolation requirements in the rail engineering industry. • Carry out installation of electrification equipment and components. • Transfer responsibility of railway electrification equipment and components. <p>Due to the safety critical nature of the rail industry, it is indispensable that they are able to prove their competence at this level, not only the knowledge but the practical skills required for the role as well in the workplace.</p> <p>For further information on the structure and the units that must be taken, please refer to the qualification handbook at https://www.cityandguilds.com/qualifications-and-apprenticeships/transport-maintenance/railway/7597-railway-engineering#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 qualifications specific to this area of the rail industry with the same depth and breadth.</p> <p>Upon completion of this qualification, learners could progress into a Higher Apprenticeship in Advanced Manufacturing Engineering Level 4 (Rail Engineering) or a Rail Engineering Advanced Technician Apprenticeship.</p>
<p>Alternatives routes to achieve the same outcome?</p>	<p>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.</p>

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.
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WHO SUPPORTS THIS QUALIFICATION?

Employer/Trade organisations	<p>The following organisations support this qualification as it allows learners to work to their own ability and show progression to the next level within the industry nationally:</p> <ul style="list-style-type: none"> • Network Rail – who owns, runs, maintains and develops Britain’s rail tracks, signalling, bridges, tunnels, level crossings, viaducts and 19 key stations. • National Skills Academy for Rail – whose board comprises 18 pan-industry directors and represent about 300 employers.
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