

Purpose statement

The following purpose is for the **City & Guilds Level 3 NVQ Diploma in Rail Engineering Signalling Maintainer and Fault Finder (600/1491/X)**

Area	Description
OVERVIEW	
What does this qualification cover?	<p>This qualification is suitable for learners that would like to demonstrate that they are able to work competently as a skilled Signal 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"> • Inspecting signal control systems, cabling and signals • Fault finding when there are signal failures • Maintaining the signals and cabling • Replacing the signalling assets 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?	
Why choose this qualification over similar qualifications?	<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>
Alternatives routes to achieve the same outcome?	<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)?	<p>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.</p>
WHO SUPPORTS THIS QUALIFICATION?	

Employer/Trade organisations

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:

- 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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