

EAL Purpose Statement:

Qualification Title:	601/0160/X EAL Level 2 Certificate in Rail Engineering Underpinning Knowledge (QCF)
Qualification Overview:	<p>This qualification is a Vocational Related Qualification (VRQ). It supports the learner in developing the skills and knowledge needed for working in a range of railway engineering roles in both infrastructure maintenance and construction.</p> <p>VRQs are mapped to national occupational standards and are intended to support education and training of a learner entering the railway engineering sector.</p> <p>The achievement of this VRQ will support learners in developing their skills and potential within the railway engineering sector. It contains the maths and science required for a learner to progress to level 3 and advanced Apprenticeships.</p> <p>This qualification is also a Technical Certificate in the SEMTA Level 2 Rail Infrastructure Apprenticeship Framework.</p> <p>What does this qualification cover?</p> <p>A broad range of skills and knowledge that can be applied to one or more of a wide variety of rail engineering activities:</p> <ul style="list-style-type: none"> • maintaining mechanical devices • maintenance technology • working within the rail engineering industry • Maths and science that can be applied to rail engineering activities. • It is accredited by Ofqual at QCF level two. <p>Who could take this qualification? OR who is this qualification designed for?</p> <ul style="list-style-type: none"> • Learners who are undertaking a SEMTA apprenticeship and wish to progress onto an advanced apprenticeship • Those who are working in a railway engineering role and would like to work towards a Level 2 knowledge qualification • Those who are new to railway engineering but are looking for a career change and wish to develop new knowledge and skills within the industry. <p>It is suitable for learners aged:</p> <ul style="list-style-type: none"> • 16-18 • 19+
What could this qualification lead to?	<p>Typical job roles include:</p> <p>Track maintenance and renewals, Signalling, Telecoms, Overhead line and Electrification Maintenance and Construction</p> <p>This qualification relates to the following EAL qualifications:</p> <ul style="list-style-type: none"> • EAL Level 2 NVQ Diploma in Rail Engineering Track Maintenance (QCF) • EAL Level 2 NVQ Diploma in Rail Engineering Overhead Line Construction (QCF) • EAL Level 3 NVQ Certificate in Rail Engineering Traction and Rolling Stock (QCF) • EAL Level 3 NVQ Diploma in Rail Engineering Track Maintenance (QCF)

	<ul style="list-style-type: none"> • EAL Level 3 NVQ Diploma in Rail Engineering Signalling Maintainer and Fault Finder (QCF) • EAL Level 3 NVQ Diploma in Rail Engineering Telecoms Maintainer and Fault Finder • EAL Level 3 NVQ Certificate in Rail Engineering Electrification Maintenance (QCF) • EAL Level 3 NVQ Certificate in Rail Engineering Electrification Construction (QCF) • EAL Level 3 NVQ Certificate in Rail Engineering Telecoms Installer (QCF) • EAL Level 3 NVQ Diploma in Rail Engineering Telecoms Installer (QCF) • EAL Level 3 NVQ Certificate in Rail Engineering Signalling Functional Tester (QCF) • EAL Level 3 NVQ Certificate in Rail Engineering Signalling Installer (QCF) • EAL Level 3 NVQ Diploma in Rail Engineering Signalling Installer (QCF) • EAL Level 3 NVQ Diploma in Rail Engineering Overhead Line Construction (QCF) • EAL Level 3 Diploma in Installation and Maintenance of Engineering Assets (QCF) <p>Apprenticeships: This qualification forms part of the Semta Intermediate Rail Engineering (Infrastructure) apprenticeship framework.</p>
<p>Who supports this qualification?</p>	<p>The qualification is supported by: Semta and The National Skills Academy for Railway Engineering (NSARE)</p>