



# Level 3 NVQ Certificate in Rail Engineering Signalling Functional Tester (QCF)



## Qualification Specification

### Overview

This qualification is a National Vocational Qualification (NVQ). It involves the skills and knowledge needed for working in railway engineering signalling functional testing. NVQs are based on national occupational standards, which the learner must meet to be competent in a particular task.

### Typical Job

Carrying out signalling functional testing activities on the railway infrastructure.

Qualification code:	601/3855/5
Level:	3
Total qualification time:	TBC
Guided learning hours:	165
Credits:	29
Minimum age	16

## Purpose of the qualification

### What does this qualification cover?

The skills and knowledge in one or more of a wide variety of railway engineering signalling functional testing activities including:

- Establishing correct information to carry out testing activities
- Organise signalling installation activities and provide technical leadership
- Assisting with testing installed signalling assets
- Conduct functional testing of signalling assets.

This qualification is for:

- Individuals who are working at Level 3 within signalling functional testing and need recognition of their competence in railway engineering signalling installation activities and also need a nationally recognised qualification at Level 3. This NVQ certificate is intended to support learners whose work activities may not provide sufficient range to complete the unit requirements of a Diploma but will allow a Certificate to be completed and progression to a Diploma when sufficient assessment opportunities are available.
- Learners who are undertaking a SEMTA Advanced apprenticeship and wish to progress onto an advanced apprenticeship.
- Those who are working in a railway engineering signalling installation environment and would like to work towards a relevant Level 3 qualification.
- Those who are new to railway engineering signalling installation but are looking for a career change and wish to develop new skills within the industry.

## Who supports this qualification?

The qualification is supported by The National Skills Academy for Railway Engineering (NSARE).

## What could this qualification lead to?

On completion of this qualification it can form part of an apprenticeship framework at level 3, and provide a base for other level 3 qualifications, and progression to a range of level 4 qualifications.

## Entry Requirements

Learners must have the potential to achieve the assessment criteria set out in the units.

## How is the qualification achieved?

The learner must present evidence (portfolio) which clearly shows they have met the assessment criteria and learning outcomes. The learner must achieve the relevant units.

## What will be assessed?

All evidence submitted by the learner against the assessment criteria.

## How will it be assessed?

Evidence for this qualification will be assessed in accordance with the sector assessment strategy, which has been created from engagement with stakeholders (employers etc.) in the rail sector.

## Structure

The learner is required to complete all the mandatory assessment routes.

### Mandatory assessment routes: All must be completed

EAL code	Assessment route title	Level	Credit value	Guided learning hours	OfQual code
QRST3-001	Establish information for signal engineering testing	2	3	25	A/503/0598
QRST3-002	Assist with tests and checks of signalling equipment	2	4	18	L/503/0721
QRST3-003	Verification testing of newly installed signalling assets	3	10	75	R/503/0722
QRST3-004	Conduct functional testing of newly Installed Signalling Systems	3	6	35	Y/503/0723
QRST3-005	Transfer responsibility of signalling assets	3	2	4	M/503/0730
QRST3-006	Contribute to technical leadership of signal engineering activities	3	2	4	F/503/0733
QRST3-007	Organise local signal engineering activities	3	2	4	J/503/0734

