



## SMTH Bespoke course

**Number of delegates:** 4

**Duration:** 5 days

**Location:** Horsley Cross

### Who should attend

This course has been designed for delegates who are required to undertake Signal Maintenance Testing in accordance with the latest Network Rail Standards and Instructions.

This bespoke SMTH training course has been designed for existing SMTH testers with expired SMTH competences who would like to renew their competence or for experienced Signal Works testers, who already have proven experience of wire counting, cable testing and earth testing.

Maximum delegates for the course will be 4 to allow maximum opportunity to practice.

Evidence of prior experience and knowledge will be required before attending this training course.

### Objectives

On successful completion of the course, delegates will be able to:

- Carry out defined tests as documented in the Signalling Maintenance Testing Handbook
- Document and apply all relevant procedures
- Ensure they are working to the correct up to date documentation

In addition, delegates will be competent to carry out:

- Wire Counts
- Temporary labelling of wires
- AC and DC Earth Testing
- Insulation and Continuity Testing
- Cable Function Testing
- Temporary Diversion of a Cable
- Aspect Testing
- Points Detection and Correspondence Testing

### Learning approach

40% Theory with pro-active scenarios to assist the delegate with understanding the principles of SMTH

60% practical sessions with demonstrations and delegate time to practice and reinforce the theory session

Both theory and practical assessments must be completed and an appropriate pass mark achieved before a certificate is issued.

On successful completion of all theory and practical assessments delegates will be issued with an SMTH card which will need to be authorised by the delegate's Manager.

### Pre-requisites

Evidence of prior experience and knowledge must be provided for delegates wishing to attend this training course.

Delegates must provide evidence that they have held and used SMTH in the past or that they are experienced signal works testers with proven experience of wire counting, cable testing and earth testing.

Delegates should also have attended a SPWEE training course.