Mod 1 – Tester in Charge

Aim
This course will enable signalling works testers to progress towards the signal works testing activities.

Key Features
• Underpinning knowledge matched to the IRSE “Tester in Charge” licence 1.3.190
• Relating directly to the Network Rail testing standards
• May be tailored to match the requirements of other rail administrations
• Discusses the safety-management framework for new products

Course Outcomes
On successful completion of this course, the delegate will be able to describe the function of
the following
• The Role and Responsibilities of the Tester in Charge
• The Safety-Management Framework
• Identifying and Managing Risk
• The Project and ‘V’ Lifecycles
• Testing Strategies
• Test and Commissioning Plans
• Confi guration Control
• Defi ning and Recording the Tests
• Running a testing Sub-project
• Entry-into-Service

Assessment and Certification
Achievement of the Course Outcomes will be assessed by theory assessments.
The delegate’s achievement of the Course Outcomes will be confi rmed by a Certificate which will be forwarded to the nominated client contact following the course.

Pre-Requisites
A well prepared delegate is expected to already be a competent Principles or Functional tester, with at least three years’ practical experience in this role.

Practical Information
Duration: 5 Days – including assessment
Location: at our Derby training centre, or on your premises (subject to equipment availability)
Maximum number of delegates: 10

This course is produced and run by Signet Solutions.
For further information contact us:

enquiries@signet-solutions.com
www.signet-solutions.com
telephone:+44(0)1332 343585

Testing

Course Progressions

We offer many signalling technical courses, and it can be difficult to work out what's best for your needs. The following table will assist you.

*Development Courses in green text

These courses typically form the backbone of a career development path, and are usually taken in the order shown.

Available on an "open" basis, in which you can take individual places from our regular timetable.

*Supplementary Courses in blue text

These courses provide supplementary knowledge about a specific technology or process. They can generally be taken on an "as needed" basis, without any particular order.

Available on a "private" basis, in which you sponsor the delivery of a full course. This works better for four or more delegates.

This is just a quick guide – please consult our individual course specifications for more detailed information. Please ask us if you have any queries.

Signal Maintenance & Signal Installation	Signal Design	Signal Works Testing
Introduction to Signalling/ Basic Signalling 1 & 2	Basic Signalling Technology Intermediate Signalling Technology Layouts Intermediate Signalling Technology Control Tables Advanced Signaling Technology	Introduction to Signalling/ Basic 1 & 2 Mod 5 - Test Assistant Mod 3c - Verification Tester Mod 3BL - Functional Tester Mod 4 - Functional Tester Mod 2 - Principles Tester Mod 1 - Tester in Charge

SMTH - Signalling Maintenance Testing Handbook
Appreciation Route Relay Interlocking - Maintenance + Faulting
Route Relay Interlocking Design Clamp Lock Installation
Clamp Lock Maintenance
Cable Jointing
Suplementary Back Drives + Stretcher Bars
EISS Electrical Installation Skills
Electrical Principles
Style 63 Points Installation
Style 63 Points Maintenance
Westpac MK111A Maintenance + Faulting
HW100 Points Maintenance
EBI Track 200/T121 Track Circuits
Fault Finding Techniques
Mechanical Signalling

Route Relay Interlocking
Route Relay Western Region E10k Circuitury Correlation
Westpac MK11A - Design
Location Design Project
Level Crossing Design
SSI Appreciation
SSI Control Tables
SSI Data Appreciation
SSI Data Preparation
Route Relay Interlocking - Mod 3BI
Westpac MK11A - Testing