



Mod 5 – Test Assistant

Aim

This course is intended for delegates who will be required to undertake the role of Test Assistant. It will provide them with the underpinning knowledge and practical ability that will be required in this role and make sure they are aware of the equipment that will be used and what will be expected of them.

Key Features

Underpinning knowledge matched to IRSE Test Assistant Licence 1.3.150

Intensive practical experience in the role of a Test Assistant

May be tailored to specific client or railway administration requirements

Course Outcomes

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

- Describe the duties and responsibilities of a Test Assistant
- Identify items of signalling equipment
- Identify the state of a relay
- Undertake inspection and counting of wires
- Assist with the testing of location internal circuits
- Perform Busbar Earth tests
- Assist with cable continuity and insulation testing
- Apply and remove Test Straps and False Feeds in a safe manner
- Assist with the testing of signals, AWS, TPWS, track circuits & points
- Use Solid State Interlocking Test Equipment
- Operate a Test desk
- Report from a signaller's panel

Assessment and Certification

Achievement of the Course Outcomes will be assessed by a practical and theory assessment.

The delegate's achievement of the Course Outcomes will be confirmed by a certificate which will be forwarded to the nominated client contact following the course.

Attending this course does not guarantee future employment.

Your employer must assess you as competent before allowing you to perform safety critical work.

Pre-Requisites

A well-prepared delegate is expected to be familiar with common items of railway signalling equipment, as found on the trackside and in locations. Otherwise, you will have difficulty following the course. We recommend that newcomers to the industry attend our 'Introduction to Signalling – BS1 & 2' course to reach this starting point.

Practical Information

Duration: 4 Days + 1 Day one to one Assessment

Location: at our Derby training centre, or on your premises (subject to equipment availability)

Maximum number of delegates: 6

This course is produced and run by Signet Solutions.

For further information contact us:

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www.signet-solutions.com

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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 Interlocking Design Clamp Lock Installation Clamp Lock Maintenance Cable Jointing Supplementary 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 Circuitry 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	