



Correlation

Aim

This course is intended for signal design engineers who need to be able to perform correlation work.

Key Features

- Correlation process in accordance with NR/GN/SIG/11115 – Correlation of Signalling Records
- All correlation activities can be rehearsed in a safe offline environment upon lifelike working equipment

Course Outcomes

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

- Identify the importance of Team Leadership and Roles
- Make a safe Interface with the Working Railway
- Create a Method Statement for correlation activities
- Perform Condition Assessment and reporting
- Perform Arrival at Work Site activities
- Perform Inspection and Wire Counting of:
 - Locations
 - Equipment Rooms
 - Mechanical Signal Boxes
 - Control Panels (including Facia checks)
 - On-Track and Trackside Equipment
- Perform Earth Busbar checks
- Display Safe Working Practices
- Record correlation Results
- Perform Departure from Work Site activities

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.

Pre-Requisites

A well prepared delegate is expected to be able to be able to understand wiring diagrams.

Practical Information

Duration: 3 Days + $\frac{1}{3}$ Day 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 + Faulting 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		