Signal Design Checking Course

Aim

To understand the elements and reasoning behind the checking processes, and to increase underpinning knowledge of Production and Independent Checking techniques.

Key Features

- Execution of the checking process will be practiced using a series of checking exercises.
- The delegate will be encouraged to develop a consistent personal style and checklists to be used for common design features.
- Exercises relevant to both works and schemes design are provided

Course Outcomes

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

- Apply a logical checking process
- Ensure that checking is comprehensive
- Make effective use of an assistant
- Apply the checking process to a range of different design documents
- Identify common types of error
- Record checking progress
- Analyse causes and consequences of errors

Certification

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

The delegate should already have developed their design experience, in either the works or schemes field, to the point where they are required to perform production or independent checking.

Practical Information

Duration: 2 Days
Location: at our Derby training centre, or on your premises
Maximum number of delegates: 10

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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Design

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
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