



Solid State Interlocking Appreciation

Aim

This course will enable a newcomer to Solid State Interlocking system to identify the key characteristics, benefits and constraints of the SSI system

Key Features

Overview of system

- Principles of redundancy
- Interlocking Equipment
- Operator Interface
- Technician's terminal
- Event logging methods
- Data transmission methods and equipment
- Location Equipment
- System application constraints
- System maintenance and faulting issues
- Data content, data preparation and system simulation
- Future Developments

Course Outcomes

On successful completion of this course the delegate will have an overview of SSI.

Assessment and Certification

The underpinning knowledge gained by the delegate will be measured by questions and answer sessions during the course.

A certificate of attendance will be issued to the delegate following completion of the course.

Pre-Requisites

A well prepared delegate is expected to be able to have a general appreciation of signalling equipment and railway operational principles prior to attending the course.

Practical Information

- Duration: 3 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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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 + Faulting 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	