



CBI Control Tables Conversion Course

Background

The universal forms of control tables used in the past have now been complemented by a set specific to Computer Based Interlockings (CBI), including Solid State Interlocking (SSI) Westlock® and Smartlock®.

Aim

This course will enable a designer, who is already familiar with conventional control tables, to be able to complete the new CBI control tables.

Key Features

- Course fully up to date to reflect the latest standards for CBI interlocking and control tables.
- The course discusses sufficient CBI functional principles to enable the box entries to be properly understood.
- Technical jargon is explained in clear English terms

Course Outcomes

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

- Demonstrate an understanding of CBI interlocking principles
- Complete Control Tables for Sub Route, Point and Signal Route & Aspect
- Design Sub Route and Approach Locking Map Search Diagrams

Assessment and 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

A well prepared delegate is expected to be familiar with interlocking principles and conventional route and point control tables for UK main line signalling installations.

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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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 Interlocking - Maintenance + Faulting 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	