G110 – Author or Checker

Aim

This course is intended for; signal engineers with existing competence as an SMTH tester, including SFI Level 2, and SMTH Method Statement writing or have experience in any role where they have demonstrated an equality of competence in Signal Works Testing or Works delivery. The course will enable them to undertake the role of G110 Test Schedule Author or Checker as defi ned in NR/L2/CTM/012/056.

Key Features

- Underpinning knowledge matched to the NR/L2/SIG/30014/G110.
- Refl ects the requirements of the role of a G110 Author and Checker.
- Practical scenario experience in producing and checking a Test Schedule.
- The Course includes a written practical assessment against unique scenario based exercise.

Course Outcomes

On successful completion of this course, the delegate shall have knowledge and understanding of:

- What information is required, where it can be obtained and how to establish its currency and authorisation.
- What signalling principles and design and installation procedures apply to the system.
- What are the regulations and guidelines that are relevant.
- How to establish the extent and limits of testing.
- What testing methods are applicable to the work to be completed and how much time and resources they require.

Assessment and Certifi cation

Achievement of the Course Outcomes will be assessed by a written practical assessment. The delegate's achievement of the Course Outcomes will be confi rmed by a certifi cate which will be forwarded to the nominated client contact following the course.

Pre-Requisites

A well prepared delegate is expected to be competent as an SMTH tester, including SFI level 2, and SMTH Method Statement writing or have experience in any role where they have demonstrated an equality of competence in Signal Works Testing or Works delivery.

Practical Information

Duration: 2 Days (written assessment during course programme)
Location: at our Derby training centre, or on your premises (subject to equipment availability)
Maximum number of delegates: 8

This course is produced and run by Signet Solutions.
For further information contact us:
enquiries@signet-solutions.com
www.signet-solutions.com
telephone:+44(0)1332 343585

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
Route Relay 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