

**NAME OF PERSON** Mark Styles  
**NATIONALITY** British  
**POSITION** Senior Engineer



**QUALIFICATIONS** IRSE Licence – 7.8.110Fv1 – Engineering Manager – Project Engineering – No 0056528  
Associate Member of The Institution of Railway Signall Engineers (AMIRSE)  
Technicians Educational Certificate – Levels I,II,III (Equivalent to ONC Electronic Engineering)  
City and Guilds D32/D33 Vocational Certificate – Upskilled to A1 Vocational Assessors Certificate  
Signal Maintenance Testing Handbook Certificate (Current)  
IOSH Managing Safely  
ISO 9001:2008 Internal Auditor  
Principles of Manual Handling  
Emergency First Aid  
Basic Fire Safety  
Site Safety Plus  
CSCS Green Card

Competence Assessor for the following IRSE Categories:

1.2.105 – Point Fitter  
1.2.200 – Assistant Signalling Installer  
1.2.210 – Signalling Installation Operative  
1.2.220 – Signalling Installation Technician  
1.3.150 – Signalling Test Assistant  
1.3.155X – Signalling Verification Tester – Operational  
1.3.155Y – Signalling Verification Tester – Non Operational  
1.4.100 – Assistant Signalling Maintainer  
1.4.110 – Signalling Maintainer  
1.4.120 – Signalling Fault Finder  
1.4.160 – Signalling Maintenance Tester  
1.4.230 – Signalling Maintainer and Fault Finder  
1.8.100 – Signalling Team Leader  
6.2.115 – Signalling Factory Installer

As well as conducting Workplace Assessments for the above categories, Mark can conduct Workplace Assessments for the following category:

7.8.110F – Engineering Manager (Project Engineering)

**TRAINING** Personal Track Safety (PTS) (Current)  
Industry Common Induction  
DLR Track Awareness  
Basic Electrical Signalling  
Basic Power Signalling  
Relay Interlocking (RI)  
Route Relay Interlocking (RRI)  
Solid State Interlocking (SSI)  
IECC Appreciation Course (IECCAP)  
Systems Electronics (SE)  
Remote Control (RC)  
Train Information Systems (TIS)  
Safety Procedures for Working on Electrical Equipment (SPWEE)  
Basic Signalling Cable Jointing

**KEY EXPERIENCE** Highly experienced in Competence & Training issues within the signalling maintenance discipline. Experienced in achieving compliance to Network Rail Competence and Signaling Standards & Client Specific Standards as well as relevant Competence and IRSE related elements of Link Up protocols, namely NR/SP/CTM/001 & 012 and NR/SP/SIG/10160.  
Experienced in conducting signalling asset condition surveys and signalling correlation surveys.

## EXPERIENCE

### May 2010 to present                      **Senior Signalling Engineer, Kilborn Consulting Limited**

Mark is currently carrying out a key role with two significant clients in relation to their S&T competence management processes. The clients are major suppliers of contingent S&T labour to the UK railway market, as well as Eurostar, and he is charged with day to day management of their processes, creating assessment programmes and carrying out Workplace and Competence Assessments of staff, as programmed, for IRSE Licensing and Equipment Specific / Authority To Work purposes.

Mark has also been involved in a number of correlation surveys and asset inspections to identify Signalling and Telecoms infrastructure including the following projects:

- Witham Station – New Station Entrance – URS - 2010
- Ely West Curve Bi-directional Signalling Project – URS – Signalling Asset Condition Survey - 2011
- Anglian Feeder Stations – Tata Steel - 2011
- Redhill Platform Development Project – URS – 2012
- Truro Tail Lamp Camera Project – GM Rail - 2012
- North South Wales Journey Time Improvements – Colas / Morgan Sindall – 2012
- Thorndell Viaduct Renewal – Cass Hayward – 2012
- DLR Beckton Maintenance Depot Extension – Tony Gee – Signalling Correlation - 2012/2013
- West London Line Correlation Surveys – Chase Meadow - 2013
- Kiln Field Crossing / Signal Sighting – Crouch Waterfall - 2013
- Thameslink Legacy Bonding – Tata Steel / Carillion – 2013
- Application of the 'Test Before Touch' life saving rule (NR Safety Bulletin No.278)
- North South Wales JTI – Colas - Saltney Junction Signalling Correlation – 2014
- North South Wales JTI – Colas - Gobowen to Crewe Junction (Shrewsbury) Signalling Correlation – 2014
- Allerton TMD – Buckingham – OHL Bonding Correlation – 2014
- Crossrail – AM Signalling – Goodmayes to Chadwell Heath Signalling Correlation and OLE Bonding– 2014
- Dorset Coast Re-control Project – Hyder Consulting – Signalling Correlation / Asset Condition – 2014
- Trackwork Competency Management – 2015
- IRSE Assessments & Signalling Procedure Reviews – Shorterm Group – 2015
- Doncaster Carr Depot – Spencers – Signalling Plan Correlation and Asset Condition Surveys - 2015
- Hackney Interchange – Spencer – OHLE Correlation Survey – 2015
- Cricklewood / Brent Cross – GHD – Asset Condition Surveys - 2015
- Dovey Junction LC Upgrades – AM Signalling – Signalling Plan Correlation / Asset Condition Surveys – 2015
- Marsh Barton Station – Tata Steel Projects – Signalling Correlation / Asset Condition Surveys – 2015
- Trackwork Competency Management – 2016
- Old's View Depot – RPS – Signalling Plan Correlation / Asset Condition Survey – 2016
- Bath Corridor – Tony Gee – Signalling Site Visit – 2016
- Trnas Pennine Express Servicing Facilities – Tony Gee – Signalling Site Visit - 2016
- Hull Paragon Station – Tony Gee – Signalling Asset Measurement Survey – 2016
- DIRFT III – Prologis – Signalling Correlation (Location Cases and REB) – 2016
- Bath Spa Platform Enhancements – Hochtief – Signalling Correlation (Locs and Relay Room) – 2017
- Norwich Crown Point Depot – PBH Rail – Signalling Plan Correlation / Asset Condition Surveys – 2017
- Feltham Sidings – Tony Gee – Signalling Site Walkthrough - 2017

**June 2009 to May 2010 SMTH Competence Engineer, Eldin Ltd.**

Ensuring compliance to associated Network Rail Competence Standards as well as Competence specific elements for Link Up including the Core Module and Contingency Supply of Signalling Labour protocols.

Assisting with implementing and maintaining the company's Competence Management System.

Creating assessment programmes and carrying out Workplace and Competence Assessments of staff, as programmed, for IRSE Licensing and Equipment Specific / Authority To Work purposes.

Performing Site Surveillance Checks for SMTH and Installation based duties / techniques to ensure compliance on site.

Providing revision and discussion groups on SMTH techniques and specific items of signaling equipment as required.

Assisting the NCCA Site Coordinator with the monitoring expiry dates of various competencies including Technical and Track Safety and arranging training and mid-term Track Safety assessments as required.

Responsible for the review of Technical Instructions and Notice Boards as issued by Network Rail to highlight those instructions applicable to Maintenance and Installation work performed by the company.

Reviewing and briefing staff of any changes to SMS's and SMTH highlighted via the reviews of Technical Instructions and Notice Boards.

Providing support to the SMTH Installation Manager to ensure implementation and compliance of any new instructions / standards relating to Installation and SMTH based works.

Preparation and delivery of technical and team briefings to members of staff to ensure they are briefed and compliant to Network Rail and client specific requirements. This includes briefing staff on the requirements of the SMT Handbook including scenarios and examples of SMTH related work and paperwork.

Reviewing and checking of incoming SMTH related paperwork to ensure compliance to Network Rail and client standards / instructions. Also reviewing Daily Work Sheets to identify snagging / outstanding works.

Assisting the SMTH Installation Manager with surveys for future Point Installation works, Signalling Installation works and Installation snagging issues.

**2002 – April 2009 Competence & Technical Manager, ASTE Rail Ltd.**

Ensuring compliance to associated Network Rail Competence Standards as well as Competence specific elements for Link Up including the Core Module and Contingency Supply of Signalling Labour protocols.

Responsible for implementing and maintaining the company's Competence Management System. Creating assessment programmes and carrying out Workplace and Competence Assessments of staff, as programmed, for IRSE Licensing and Equipment Specific / Authority To Work purposes. Ensuring that staff receive the necessary training for their roles.

Acting as NCCA Site Coordinator whilst monitoring expiry dates of various competencies including Technical and Track Safety and arranging training and mid-term Track Safety assessments as required.

Responsible for the review of Competence and Technical Standards, Technical Instructions and Notice Boards as issued by Network Rail as well as documents and instructions issued by various clients. Consistently liaising with the Professional Head of Signalling to ensure implementation and compliance of any new Installation instructions / Standards / Maintenance Specifications / SMTH Test Plans.

Checking and reviewing incoming SMTH paperwork from SMTH Testers to ensure the appropriate Test Plans have been used and the appropriate tests / checks etc. have been performed.

Preparation and delivery of technical and team briefings to members of staff to ensure they are briefed and compliant to Network Rail and client specific standards and requirements.

Performing SMTH, Installation and Point Renewal / Installation activities at various locations including Liverpool Street, Bethnal Green and Mistley to client requirements. Covering faulting and maintenance shifts at depots within the GE Inner area. Attending / giving advice remotely on signalling faults following P-way renewals etc.

Carrying out Site Surveillance checks on staff carrying out Installation, SMTH and Maintenance duties to ensure the correct use of Test Plans, Signal Maintenance Specifications and SMS Tests and the Signalling Installation Handbook.

**2001 – 2002 Signalling Project Engineer, ASTE Rail Ltd.**

Responsible for directing and organizing various signalling projects at various locations across the UK including SMTH support at P-Way relaying sites, Installation works, bridge renewals, P-way stressing and welding sites. Undertaking signalling surveys for forthcoming works / projects. Undertaking Clamplock point Renewals / Installation at Liverpool Street, Bethnal Green and Ipswich and various other locations as well as undertaking Installation, Faulting & Maintenance activities as per clients schedules and instructions.

