

ELECTRICAL SAFETY SEMINAR SERIES 2025

NEW
BS7671:2018:
Significant changes
to amendment 4,
including medical
locations.

Electrical Dutyholders *What's New?*

- **Significant Changes within Amendment 4**
Overview of the significant changes.
- **Electrical Vehicle Supply Equipment (EVSE)**
Why does it appear the industry is not regulated and largely misunderstood?
- **Surge Protection Devices (SPDs)**
Clarity on when and where SPDs should be installed.
- **Panel Risk Assessments (PRA)**
As Dutyholder, should I have a programme in place?
- **Arc Flash Hazard**
A real and present danger.
- **Dutyholder – Understanding your Role**
Ignorance is no defence.
- **Discharging Dutyholder Responsibilities**
The Real World! By Keynote Speaker
Dr Lee Wood.



**KEYNOTE
SPEAKER**

Dr Lee Wood
MSc PhD CMgr
MCMi CEng FIET

**Principal
Electrical
Dutyholder
for a FTSE100
company**

**AFTER A 7 YEAR HIATUS,
GUARDIAN ELECTRICAL ARE
RETURNING TO HOST A SERIES OF
ELECTRICAL SAFETY SEMINARS.**



Guardian

ELECTRICAL COMPLIANCE

SAFE PEOPLE | SAFE PLACES | SAFE SYSTEMS

SEMINAR DATES & LOCATIONS



Thursday 20th March
IWM Duxford
Cambridgeshire



Thursday 8th May
The National
Motorcycle Museum &
National Conference
Centre, Solihull



Thursday 27th March
The Pullman Hotel
London



Thursday 15th May
Oulton Hall
Leeds



Thursday 3rd April
Dakota Hotel
Motherwell



Thursday 22nd May
Venue TBC
Manchester



Thursday 1st May
The Celtic Manor
Newport



SEMINAR AGENDA

8.15 – 9.00 Registration & Breakfast

9.00 – 9.10 Introduction
Ian Carnall
Managing Director at Guardian Electrical Compliance Ltd

9.10 – 9.50 BS7671:2018 Latest Amendments
EVSE – Feasibility Study and Inspection & Testing
Matt Gilmore
Technical Director at Guardian Electrical Compliance Ltd

9.50 – 10.20 Surge Protection
Kirsty Johnson
Technical Director at Surge Protection Devices Ltd

10.20 – 10.50 Panel Risk Assessments
Eddy Pegg
Senior Contracts Manager at Guardian Electrical Compliance Ltd

10.50 – 11.10 BREAK

11.10 – 11.40 Arc Flash Hazard
Andy Baker/Paul Madely
Consultants at ESUK Ltd

11.40 – 12.10 Discharging Dutyholder responsibilities for a
FTSE 100 Company – The Real World
Dr Lee Wood
Keynote Speaker

12.10 – 12.40 Dutyholder Responsibilities – Ignorance is no defence.
Ian Carnall
Managing Director at Guardian Electrical Compliance Ltd



SUMMARY OF THE SEMINAR AGENDA

AMENDMENT 4 - SIGNIFICANT CHANGES INCLUDING EVSE

Overview of the additions and changes to the 18th Edition and all things EVSE.

Amendment 4 is the most significant change yet to BS7671:2018 and will come into effect early 2026. The date for submissions to the final draft of amendment 4 passed on November 16th 2024. Any further changes will be numerical or grammatical as is the normal process.

Speaker: Matt Gilmore BEng(Hons) IEng MIET MIHEEM

Matt has a foundation degree in electrical engineering, along with a bachelors engineering management degree.

Matt is the Senior Tutor at Guardian and delivers 18th Edition courses both internally and externally.

He is an active member of the IET, presenting at both the 2023 and 2024 Powering Net Zero conferences. More recently, he was a keynote speaker discussing the future of EV in the UK with a focus on feasibility of installations. Matthew is a member and holds the position as East Midlands Branch Secretary for the Institute of Healthcare Engineering and Estates Management (IHEEM).

SURGE PROTECTION

Clarity on when, where and what type of SPDs should be installed.

Throughout the past few years, regulations have been introduced and amended regarding the installation of SPDs, leading to misunderstanding and uncertainty, spawning questions such as – do I need an SPD at the source of supply and what does it actually protect? – how does this relate to my lightning protection? – is it a legal requirement to install SPDs? – are my critical safety circuits covered?

Speaker: Kirsty Johnson BSc(Hons)MIET

Kirsty is a leading expert in the field of Surge and Lightning Protection Devices and sits on the JPEL committee as an expert in the subject. She is the technical director for Surge Protection Devices LTD and is an active member of the IET, currently working towards attaining CEng status.

PANEL RISK ASSESSMENTS

As Dutyholder, should I have a programme in place? Maintaining a safe system of work and storing actual records of maintenance relative to both panel entry and working in panels, in our experience, is often excluded from clients' maintenance schedules, leaving Duty Holders unwittingly exposed under EaWR 1989 should there be a breach of the regulations.

Speaker: Eddy Pegg

A qualified Electrical Engineer, Eddy became the Electrical Business Unit Manager UK & Ireland for BV in 2016 and was promoted to Director in 2018. Eddy then moved on to Building Envelope Technologies (BET) as Development Director. Head hunted by Guardian to drive Electrical Compliance processes within the business and communicate the requirement for Panel Risk Assessments across industry, Eddy is a seasoned electrical professional with over 25 years of experience in the electrical compliance field.

ARC FLASH HAZARD - A REAL AND PRESENT DANGER

An overview of the latest Arc Flash legislation, design standards and the hazards associated. Using real life examples of how arc flash is a real and present danger, Andy & Paul from ESUK, will explain the benefits of risk assessments risk management, and the national guidance to ensure safe working practices.

Speakers; Andy Baker/Paul Madely

Andy is a senior engineering manager and experienced High Voltage electrical engineer in operations and maintenance. He has contributed to IET standards for electricity metering and became a technical committee member of BSI. PEL/13. Andy is involved in surveillance to expert witness and forensic analysis.

Paul is an experienced Chartered Electrical Engineer, surveyor and project manager. Working extensively across Europe as a registered European Engineer (Eurlng), Paul's expertise drew him in the direction of electrical installation surveys and power analysis which involved hands-on electrical measurements for detailed system performance and condition studies.

DUTYHOLDER RESPONSIBILITIES - UNDERSTANDING YOUR ROLE

The EaWR 1989 have remained the same for the last 35 years, however, there have been numerous changes to British Standards and now a major change is upon us with BS7671:2018, Amendment 4.

Technology has evolved during this period and particularly so during the last 10 years. Whilst the EaWR 1989 has remained the same, the approach to electrical compliance has evolved.

Speaker: Ian Carnall I.Eng MIET

Heavily involved in EaWR 1989 since its inception, Ian has held various senior roles in the Electrical Safety Industry, including MD positions at Napit, NECTA, Connaught Compliance Electrical, and Guardian Electrical Compliance Ltd. Ian has collaborated with blue-chip companies like Manchester United, Nestle, JCB, Tata, Toyota, BAE, Tesco, and leading UK universities and hospitals to deliver cost-effective compliance programs.

DISCHARGING DUTYHOLDER RESPONSIBILITIES IN THE REAL WORLD!

Dr. Lee Wood, an Operational Manager with 36 years of experience in senior engineering, maintenance, project, and plant management roles across blue-chip organisations, he currently supports strategic project delivery and legal compliance for a major UK retailer as Lead Technical Maintenance Manager and Principal Electrical Duty Holder.

Lee also serves as Director of Studies for International PhD Students at the University of Bolton, having completed his PhD in 2015. Dr. Lee Wood has collaborated with Deutsche Post DHL on research and delivered a best-in-class Strategic Supply Chain Automation Project in Singapore.

A Chartered Fellow of the IET and Chartered Manager of the CMI, he was appointed to the IET's Global Registrations and Standards Committee in 2019 and supports engineering professionals as a Professional Registration Advisor.

Keynote speaker
Dr Lee Wood
MSc PhD CMgr
MCI CEng FIET

BOOK NOW!

TO BOOK ONLINE SCAN THE QR CODE OR EMAIL: seminar@guardianelectrical.co.uk



DATES & LOCATIONS



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The Pullman Hotel
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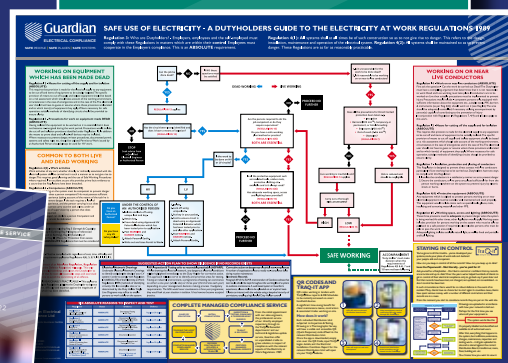
Thursday 22nd May
Venue TBC
Manchester

Prices:

£145.00 +VAT

£95.00 +VAT
(Existing Client Price)

Seminar delegates will receive a copy of this literature suite, including Guardian's famous wall chart.



Why attend this seminar?

As the Dutyholder RESPONSIBLE for electrical safety:

- Are you aware of the latest changes in legislation and technology?
- Do you feel in control of records?
- Do you feel exposed because of downward pressure on finances?
- Is Electrical Safety viewed as a box ticking exercise?
- Do you have the time to ensure your site is compliant?

The seminar will illustrate how to ease all of the foregoing concerns, ensuring and maintaining compliance for you and your site, whilst driving costs out of the business.

Who should attend the seminar?

Anyone who has responsibility for electrical safety.

If you are a health and safety manager, electrical engineer, facilities manager, electrical maintenance engineer, financial director or chief executive, this seminar is a must see.

If you have a responsibility for electrical safety, the law affects you.



SAFE PEOPLE | SAFE PLACES | SAFE SYSTEMS

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Terms and Conditions: The organisers reserve the right at any time and without prior warning to change the venue of the seminar and/or speakers from those described in the programme. The organisers also reserve the right in their absolute discretion without further liability to cancel the seminar, in which case all monies will be refunded. Cancellations made within 2 weeks of the seminar fee will be charged 50% of the seminar fee. Cancellations made within 24 hours of the event or non-attendees will be liable to pay 100% of the seminar fee. All cancellations must be made in writing and acknowledged by Guardian Electrical Compliance Ltd. The organisers accept no responsibility for the views expressed by the speakers or any other person at the seminar.

