

**Current publishing projects open for recruitment**

Title	Scope	Volunteer Opportunities Available	Portfolio Development Manager
<p><b>Guide to Magnetometers</b></p>	<p>Magnetometers, particularly optically pumped magnetometers (OPMs), are advancing quickly and are already used in some applications. However, as the technology matures, clear guidance is needed to match the right sensor with the appropriate application. This will help system designers, especially those from SMEs, leverage the full potential of these sensors.</p>	<p>Reviewer</p>	<p>Andrew Cooney</p>
<p><b>Utility Scale Electrical Energy Storage Systems</b></p>	<p>A focus on battery storage with lithium chemistries (or close technology variants with similar battery chemistry), battery management systems, related energy management systems, energy conversion systems (AC/DC) and their application as an holistic energy storage system. In the context of utility scale energy storage, battery units tend to be modular (sized in xMW scale units), where multiple modules are replicated to achieve the desired scale of storage.</p>	<p>Reviewer</p>	<p>Nnamdi Jenkins-Johnston</p>
<p><b>Electrician's Guide to Heat Pump Installations</b></p>	<p>A guide providing practical, on-site, hands-on, guidance on the installation of domestic heat pumps. It is for electricians, electrical fitters and all those providing training to them and is intending to cover:</p> <ul style="list-style-type: none"> <li>• What electricians need to understand about heat pumps</li> <li>• Heat pump electrical layouts</li> <li>• Components of heat pump systems</li> <li>• Electrical requirements for heat pumps</li> <li>• Installation of heat pump systems</li> <li>• Commissioning of heat pumps</li> <li>• Smart controls and internet connectivity</li> </ul>	<p>Working Group membership; Reviewer</p>	<p>Nnamdi Jenkins-Johnston</p>

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	<ul style="list-style-type: none"> <li>Maintenance and servicing</li> </ul>		
<b>Electrician's Guide to EV Charging Installations</b>	The primary market for this guide is those installing and maintaining domestic EV charging equipment. Key users would include electrical contractors, electrical fitters, established electricians starting to offer EV charging installs and new entrants into the industry as well as training providers, certification and awarding bodies. Electricians new to the technology / upskilling, needing a practical and accessible step by step guide to basic domestic EV charging equipment installations. It is complementary to our compliance title the <i>Code of Practice for Electric Vehicle Charging Equipment Installation</i> – which is now in its 5 <sup>th</sup> edition.	Working Group membership; Reviewer	Andrew Cooney
<b>Electrician's Guide to Fire Safety in Tall and Complex Buildings</b>	Practitioner-focused guide for the application of fire safety standards (BS 5839-1 and BS 5839-6) and understanding of design and installation requirements for electrical installations and equipment within high rise and complex buildings; accompanies and expands upon the practical <i>Electrician's Guide to Fire Detection and Fire Alarm Systems, 3<sup>rd</sup> Edition</i> and <i>Guidance Note 4: Protection Against Fire</i> .	Working Group membership; Reviewer	Nnamdi Kenkins-Johnston
<b>Code of Practice for Electrical Safety Management in the Highway Electrical Sector, 2<sup>nd</sup> Edition</b>	The aim of this Code of Practice is to provide information and guidance in a coherent and consistent way to individuals and organisations working within the highway electrical sector to enable them to manage the risks associated with this sector. The Code is also applicable to any similar exterior equipment installed and maintained in any area over, under or through which the public has access. This second edition will continue to be of interest to designers, electricians, electrical contractors, project management and civil engineering teams who carry out work on electrical/technical installations in the highway electrical sector.	Reviewer	Nnamdi Jenkins-Johnston

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<p><b>Code of Practice for Electrical Energy Storage Systems, 4<sup>th</sup> Edition</b></p>	<p>This Code of Practice looks at EESS applications and provides information for practitioners to safely and effectively specify, design, install, commission, operate and maintain a system. This fourth edition will bring the Code of Practice up to date with the latest developments in the fast-moving electrical energy storage market and ensure alignment with Amendment 4 for BS 7671.</p>	<p>Working Group membership; Reviewer</p>	<p>Nnamdi Jenkins-Johnston</p>
<p><b>Electrician's Guide to Fire Detection and Alarm Systems, 4th Edition</b></p>	<p>The primary market for this guide is the electrical contractor, designer, and consultant engineer involved in the design, installation and/or maintenance of fire detection and alarm systems. This includes electrotechnical training at NVQ (3-4) and NQF (5-6). It provides guidance tailored to such electricians who work in an electrical science, building services or a fire safety specialism but may or may not be certified electrical engineers. Electricians who install or maintain fire alarm systems, especially in commercial or high-risk environments, often require additional qualifications to comply with standards like BS 5839. While a qualified electrician can install basic domestic smoke alarms, more complex systems typically require a certified fire alarm specialist. Many electricians lack specific training in BS 5839 standards, smart detection systems, and system integration with security or building management systems<sup>1</sup>. This guide serves to bridge that gap.</p>	<p>Working Group membership; Reviewer</p>	<p>Andrew Cooney</p>
<p><b>Code of Practice for Grid Connected Photovoltaics (3<sup>rd</sup> Ed)</b></p>	<p>This updated Code of Practice sets out the requirements for the design, specification, installation, commissioning, operation and maintenance of grid-connected solar photovoltaic (PV) systems installed in the UK. It is aimed at ensuring safe, effective and competently installed solar PV systems</p>	<p>Working Group membership; Reviewer</p>	<p>Kate Mcroy</p>

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<b>Guide to Generators</b>	The purpose of this guide is to provide clarity on the technical and practical requirements for the design, installation, and maintenance of electricity generators to comply with relevant UK and international standards and good practice recommendations.	Working Group membership; Reviewer	Jon Newbury
<b>Electricians Guide to Solar Photovoltaic Systems</b>	This publication is designed to provide focused detail for the domestic market and cover the issues that are of direct concern to domestic electricians who are increasingly encountering solar systems and energy storage within the home. It is complementary to the Code of Practice, but less comprehensive in terms of regulatory and compliance information related to more complex and HV solar systems. This guide has more foundational knowledge in an accessible style and language and is ideal for the electrician who wishes to up-skill in regards to solar PV systems, containing more details regarding the benefits and limitations of domestic solar PV, graphical references for system arrangements and management, planning and consent, fire safety and electrical safety in dwellings specifically, inspection, testing and regular maintenance.	Working Group membership; Reviewer	Kate Mcroy

*Last updated: April 2026*