



John Cripps

Principal Consultant

Department

Building Consulting

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Locations

London, UK

Biography

John Cripps is a pragmatic Electrical Engineer with 40 years of experience in various industries focusing on control and automation. A career spanning many roles from apprenticeship through design, manufacturing, project management, systems engineering, trials, and final commissioning.

Recent experience in designing, implementing, and commissioning Platform Management Systems (SCADA) on Royal Navy vessels, together with the configuration of Local Area Networks. Previous experience in the Water and Wastewater Industry, Flood Detection and Management, Navigable River Controls, and Surface Finishing Equipment.

Adept in producing high-quality documentation, drawings, reports, forensic investigations, and reports on equipment failures and performance issues.

Countries Worked in: Abu Dhabi, Belgium, Canada, India, Ireland, the Netherlands, Sweden, Switzerland, UK, USA

KEY STRENGTHS

- Failure Investigation and Analysis
- Damage Assessment and Scoping
- Design and Specification Analysis
- Provision of Impartial Advice

INDUSTRIES

- Manufacturing and Machinery
- Chemical and Metal Finishing
- Potable Water Treatment
- Wastewater Treatment
- River Management
- Flood Monitoring and Control
- Defence (Naval Ships)

Credentials

- BTEC National Certificate in Electrical & Electronic Engineering
- BTEC Higher National Certificate in Electrical & Electronic Engineering
- B.Eng. (Hons) Electrical & Electronic Engineering
- C.Eng. MIET Chartered Engineer & Member of Institution of Engineering and Technology
- C&G 2382-18 Level 3 - BS7671-2018 Requirements for Electrical Installations
- Certified Profibus Installer with Commissioning & Maintenance
- Site Management Safety Training Scheme (SMSTS) Qualified
- First Aid at Work (FAW) Qualified
- CCNSG Safety Passport Training with ECITB Safety Passport
- UK Security Clearance (SC)

Professional Experience

- 2023 - Current | Principal Consultant | YA Group
 - 2022 - 2023 | Principal Engineer, Maritime Services | BAE Systems
 - 2019 - 2022 | Principal Systems Engineer, Naval Ships | Northrop Grumman UK
 - 2018 - 2019 | Lead Commissioning Engineer, Bray WTW | nmcn
 - 2015 - 2018 | Commissioning Manager, Thames Water CHP Programme | Costain
 - 2014 - 2015 | Consultant EICA Engineer, Khazan Block 61 Project, Oman | Jacobs
 - 2011 - 2014 | Consultant Electrical Engineer, Secondment to South East Water | Jacobs
 - 2005 - 2011 | Interim Regional Engineer, Various Regions | Environment Agency
 - 2000 - 2005 | Principal Engineer, River Engineering | Peter Brett Associates
 - 1998 - 2000 | Management Consultant, Business Continuity Team | Lorien
 - 1996 - 1998 | Electrical Design Engineer, Potable and Wastewater Project Design | Logik (UK) Ltd
 - 1994 - 1996 | Project Manager, Public Utility Ozone Deployment | Ozonia GB
 - 1992 - 1994 | Senior Design Engineer, Potable and Wastewater Treatment Design | PWT Projects
 - 1988 - 1992 | Senior Electrical Engineer, Surface Finishing Plant Design, Build and Install | OMI Imasa
 - 1979 - 1988 | Apprentice, Fitter and University Secondment | Admiralty Surface Weapons Establishment
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