

SIMON BARROWS
CEng FCIBSE MSL MAE MEWI MCI Arb
CHARTERED ELECTRICAL ENGINEER & EXPERT WITNESS
MANAGING DIRECTOR
SERENDIPITY CHARTERED ENGINEERS

- A practicing technically competent Chartered Electrical Engineer with over forty years' experience
- Expert witness, mediation and determiner expertise
- Works with accuracy, integrity and reliability
- Unwavering commitment to impartiality & independence
- A practising articulate and ethical mediator, keen advocate of alternative dispute resolution
- Highly developed proactive interpersonal skills, very experienced at obtaining and disseminating information



Contact Details

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Accreditations

- Engineering Council Registered Chartered Electrical Engineer
- Fellow of Chartered Institution of Building Services Engineers
- Member of The Academy of Experts
- Member of Expert Witness Institute
- Member of Chartered Institute of Arbitrators
- Member of Society of Light and Lighting
- Associate member of Association of Personal Injury Lawyers

Technical Electrical Specialisms

- Complex non-essential and essential electrical infrastructures
- Emergency power standby generation and uninterruptable power supplies
- Conventional and specialist computer and pharmaceutical clean earthing systems
- Wind turbine, solar photovoltaic and air source heat pump systems
- Telecommunication, computer data infrastructures, radio communication systems
- Interior, exterior, emergency, road, laser and feature illumination
- Luminaire photometric, photobiological, IP rating, component and safety laboratory testing
- Analogue addressable, aspirating fire alarm systems, automatic smoke vent (AOV) systems
- Conventional, fireman's and firefighting lift installations
- Closed circuit television, intruder alarm, access control and hold up systems
- Building management systems
- Electric underfloor and wall mounted heating systems
- Lightning protection systems
- Smart motorway lighting, power, loop detection, emergency telephone systems
- Conventional road lighting and power systems

Expert Witness, Forensic, Mediation, Determiner, Expertise

- Mediation, determination, litigation, technical and contractual assistance to legal profession
- Liaison with Claimants, Defendants, Advocates, Solicitors, Insurers, Loss Adjusters and Police
- Single and Joint Expert Witness in accordance with Part 35 Civil Procedure Rules
- Court attendance, cross examination of expert witness reports, Summons and Affidavits
- Electricity Supply Authority metering, check metering, tariff and noise disputes and settlement
- Obviousness, validity/invalidity, state of the art, Patents disputes
- Wayleave, boundary trespass and ransom strip disputes
- Compilation of desk top study and site investigation expert witness reports
- Compilation of detailed forensic expert witness reports
- Building inspections to verify compliance to British Standards and Codes of Practice
- Compilation of bankable studies, Scott schedules, damage and loss schedules
- Compilation of case timeline and critical paths of events
- Identification of causation, production of remedial work strategies
- Quantum and commercial analysis of cost claims and losses
- Provision of technical, programme and cost assistance to Loss Adjusters
- Due diligence and dilapidation surveys
- First Tier Property Chamber further directions, desk top studies, hearings and site inspections
- Client's representative, report compilation, administering case budgets and programme
- Legislative compliance of building plant and equipment to national and international standards
- Pro bono expert witness and forensic engineering cases
- Claimant after the event (ATE) insurance case loss fees/and case win defendant pays fees
- Engineer and manager training and advice when summoned to attend court

Tabseer Group, Saudi Arabia, Technical Auditor - Europe

Tabseer Group is registered with the following Middle Eastern organisations:

- Gulf Cooperation Council (GCC), which comprises of seven Middle Eastern countries
- Organisation for Standardisation (GSO), which provides the Gulf Conformity Mark (Gmark)
- Gulf Accreditation Centre (GAC), which grants product technical conformity certificates

I provide technical support and inspection services to industrial and economic sectors of the GCC to ensure manufactured and imported luminaires, electrical equipment and accessories etc. have been fully tested and comply with relevant international technical regulations and codes of practice.

Insurance Cover

- Expert witness, mediation, and arbitration professional indemnity insurance
- Public and products liability insurance

Data Protection Law Registration

- Jersey Office of the Information Commissioners Office registration: 102566
- United Kingdom Office of the Information Commissioners Office registration: ZB499329

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Case Snapshot

Case	Subject	Instruction	For	Appointment	Proceedings
Pulsant v John Heaney Electrical	Computer Data Centre Thermal Runaway UPS Failures Due to Faulty Batteries	DAD Law	Claimant	Expert Witness Report	Pre-Action
Microlights UK v AV Lichtplanners BV	Luminaire Optics And Control Gear Design Patent Infringement	Robins Kaplan	Claimant	Expert Witness Report	Pre-Action
The Extra Care Charitable Trust v Willmott Dixon	Continual Recessed downlighter Luminaire Early Failures	Extra Care Charitable Trust	Claimant	Expert Witness Report	Pre-Action
The Extra Care Charitable Trust v Galliford Try	Continual Warden Call System Pull Cord Switch Failures	Extra Care Charitable Trust	Claimant	Forensic Expert Witness Report	Pre-Action
Beesley Builders v Scottish And Southern Energy	Scottish And Southern Energy Substation Betterment To Other Clients Costs	Beesley Builders	Claimant	Expert Witness Report	Mediation
Uninterruptible Power Supplies Ltd v Shield Batteries	Battery Continual Early Battery Failures Due to Lack of Ventilation	Uninterruptible Power Supplies Ltd	Defendant	Expert Witness Report	Pre-Action
Anchor Trust v Galliford Try	Care Home Multiple Non-Compliant Electrical Services Installations	Anchor Trust	Claimant	Expert Witness Report	Remedial Work
Medway Maritime Hospital NHS Trust v Crown House Engineering	Critical Life Safety Support Electrical Services Infrastructure Failures	Medway Maritime Hospital NHS Trust	Claimant	Expert Witness Report	Mediation
Mr Wilcox v Meridian Blinds	Vertical Window Blind Raise and Lower Motor Failures	Mr Wilcox	Defendant	Expert Report & Mediation	Pre-Action

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Orkney Health Board v G&A Barnie	Fibre Optic Cable Failure And Loss Of Essential Services	Orkney Health Board	Claimant	Expert Report	Litigation
Attorney General v Rok Homes	Jersey Electricity Cable Electrocution	Viberts	Defendant	Expert Report	Litigation
W1 Development v Casais Construction Gibraltar	Mixed Use High Rise Residential Towers Electrical Services Installation Latent Defects	TSN Barristers & Solicitors	Claimant	Expert Witness Report	Mediation
Tigertel Limited v Siva Selvarajah	Convenience Store EDF Energy Electricity Theft And Electrical Services Defects	Kingston Law	Defendant	Expert Report	Litigation
Neil Martin v ER Productions	Silverstone Race Circuit Christmas Themed Public Drive Laser Light Eye Injury	Geoffrey Leaver Solicitors	Claimant	Expert Report	Litigation
Percy Ingle Bakeries v Eliwel Controls	Soft Drinks Refrigerator Failure And Resultant Bakery Shop Fire	DWF Law	Defendant	Expert Report	Litigation
Churchill Place v Seven Capital (Basingstoke)	High Rise Residential Tower Electrical Services Latent Defects	Lamb Brooks Solicitors	Claimant	Expert Witness Report	Pre-Action
Brian Burns v Proton.JE	Incorrect Electrical Installation And Condition Report Plus Light Switch Electrocution	Viberts	Claimant	Forensic Expert Witness Report	Pre-Action
Shirebrook Retail v Fortress Security Alarms	Fire Alarm System Modem Failure To Send Signal to ARC And Resultant Retail Outlet Fire	Kennedys	Defendant	Expert Witness Report	Pre-Action
D W Windsor v Urbis Schreder	Luminaire Optics And Control Gear Design Patent Infringement	JMW Solicitors	Claimant	Expert Witness Report	Pre-Action

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Spoke MEP v Ms Lenise Gleeson	Electrical Services Contractor Installation Quality And invoice Payments Dispute	Preston Legal	Claimant	Quantum Report	Litigation
Georg Von Opel v Sherlock London	Swimming Pool Illumination And Electrical Services Latent Defects	Rosling King LLP	Claimant	Forensic Expert Witness Report	Pre-Action
Stanka Vassileva v ILS Operations	Fast Food Restaurant Egg Poacher Electrocution	Taylor Rose MW	Claimant	Expert Witness Report	Litigation
Mrs Payne v PG Plumbing	Air Source Heat Pump Hot Water And Heating System latent defects	Stenson Nicholls	Claimant	Expert Witness Report	Pre-Action
Matalan v Woodcock Electrical Contractors	Warehouse Defective Luminaire Installations	Hill Dickenson	Claimant	Expert Witness Report	Arbitration
Blackburn YMCA v Walter Carefoot Foot & Sons	Defective Apartment Electric Boiler Hot Water And Heating Installations	Codobo Law	Defendant	Expert Witness & Quantum Report	Pre-Action
NG Bailey v Willis	Damaged Electrical Cables Infrastructure	Hudson Morgan Williams Solicitors	Claimant	Expert Witness & Quantum Report	Litigation
Balfour Beatty Vinci v EQUANS	Smart Motorway Street Lighting Latent Defects	Naudet	Defendant	Expert Witness Report	Mediation
Balfour Beatty Vinci v EQUANS	Smart Motorway Street Lighting Feeder Pillar Latent Defects	Keoghs	Defendant	Expert Witness Report	Mediation
Mrs Anam Javed v Sainsbury's Supermarkets	Scanning Gun Electric Shock	A&A Solicitors And Keoghs	Defendant	Joint Single Expert Report	Litigation
JSM Group Services v N London Structures & Groundworks	11kV/33kV Substation Below Ground Cable Ducts Latent Defects	Fenwick Elliot	Defendant	Expert Witness Report	Adjudication

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NHS Staff Member v National Health Service	NHS Vaccination Clinic Socket Outlet Shock	Jones Whyte	Claimant	Expert Witness Report	Pre-Action
Connect Plus Services v Welsh Bakers Buying Group	Road Traffic Collision Damage to Motorway Lighting And Power Services	DWF Law	Defendant	Quantum Report	Pre-Action