

DARREN STUBBS

Sheffield, United Kingdom

Mob : 07787708250

Email : Darren@bralsfordexpertwitness.co.uk

[Darren Stubbs Eng.Tech MCIPHE](#) | [LinkedIn](#)

PROFILE

A multidisciplinary plumbing, heating, and renewable energy engineer with over 30 years of technical, investigative, and leadership experience, specialising in domestic energy systems, retrofit compliance, and forensic diagnostics. Fully qualified across gas, electrical, water, and renewable technologies, including Gas Safe registration, 18th Edition electrical certification, and Level 5 Retrofit Coordinator status.

As Co-Owner and Technical Director of Bralsford, Stubbs and Associates Expert Witness Services Ltd, I lead the technical and investigative functions of the business, delivering independent, impartial expert witness reports and CPR-compliant evidence for solicitors, insurers, Trading Standards, local authorities, private clients, and industry bodies.

My expertise spans the full range of renewable and low-carbon technologies, including air-source and ground-source heat pumps, solar PV, solar thermal, biomass systems, and district heating/communal heat networks. I specialise in identifying regulatory breaches, diagnosing system underperformance, and mapping findings against standards and schemes including PAS 2030/2035, MCS, ECO/ECO4, SHDF, HUG2, TrustMark, Gas Safe, BUS, and relevant British Standards.

My background includes senior leadership roles in national energy organisations, technical product management for a major heat pump manufacturer, and chairing the Heat Pump Association Installer Working Group, giving me a uniquely broad perspective across installation, design, compliance, and policy.

CORE EXPERTISE

- Expert witness reporting (CPR 35 compliant)
- Forensic diagnostics of heating, hot water, and renewable systems
- Heat pump systems (ASHP & GSHP) — design, performance, and failure analysis
- Solar PV, solar thermal, and biomass system assessment
- District heating and communal heat network investigations
- PAS 2030 / PAS 2035 compliance assessment
- MCS design verification and performance evaluation
- ECO, ECO4, SHDF, HUG2, BUS, RHI legacy scheme compliance
- Regulatory breach mapping and remedial strategy development
- Technical evidence review for disputes and litigation
- Domestic energy system design and heat loss analysis
- Gas, electrical, and water system safety and compliance
- Retrofit coordination and risk management
- Stakeholder engagement: solicitors, insurers, LA/TS, industry bodies
- Technical training, documentation, and standards development

RELEVANT EXPERIENCE

Co-Owner & Technical Director

Technical Expert & Expert Witness

Bralsford, Stubbs and Associates Expert Witness Services Ltd

May 2025 – Present

- Co-owner of the business, responsible for technical governance, investigative methodology, and expert reporting standards.
- Produce independent expert witness reports, CPR-compliant supplementary reports, and technical opinions for disputes involving heating, hot water, insulation, and renewable energy systems.
- Investigate failures in ASHPs, GSHPs, boilers, solar PV, solar thermal, biomass, insulation, ventilation, and district heating systems, using manufacturer data, heat loss calculations, and site diagnostics.
- Map findings against regulatory frameworks including PAS 2030/2035, MCS, ECO/ECO4, SHDF, HUG2, TrustMark, Gas Safe, and relevant British Standards.
- Provide clear, impartial explanations of non-compliance, causation, and required remedial works.
- Support legal processes including pre-action protocol, ombudsman cases, insurer disputes, and contractor accountability.
- Advise clients on technical evidence, regulatory obligations, and realistic pathways to resolution.

Head of Technical Services

All Seasons Energy

Sept 2023 – Feb 2025

- Led technical operations across heating, electrical, and insulation teams, ensuring compliance with PAS 2035, MCS, Gas Safe, NAPIT, RECC, and TrustMark.
- Managed retrofit assessors, coordinators, and contract managers across multiple disciplines.
- Developed Able-to-Pay offerings for heat pumps, solar PV, and insulation.
- Oversaw regulatory registrations, competency frameworks, and technical governance.
- Reported directly to board level on compliance, performance, and risk.

Chairman – Installer Working Group

Heat Pump Association (HPA)

June 2022 – June 2023

- Chaired national installer meetings and represented installer views to the HPA executive.
- Provided industry feedback to inform policy and consultation responses.
- Attended OFGEM meetings to influence future regulatory direction.

Head of Heating

Utilita Energy

Aug 2020 – June 2023

- Built and managed Utilita's internal ECO delivery mechanism.
- Trained and supervised retrofit assessors and coordinators.
- Maintained all organisational registrations (PAS 2035, Gas Safe, NAPIT, RECC, MCS, TrustMark).
- Developed innovation and demonstration projects across renewable technologies.
- Managed multiple heating and electrical installation teams.

Technical Product Manager

NIBE Energy Systems UK

Jan 2016 – Aug 2020

- Designed domestic, commercial, and industrial heat pump systems.
- Managed UK technical operations including installation, service, and training.
- Developed national distribution and support networks.
- Authored technical manuals and training programmes.
- Ensured product compliance with UK standards and government subsidy schemes.

Senior Design and Installation Engineer

NerG Ltd

Jan 2015 – Jan 2016

- Design and Install medium to large scale woodchip Biomass installations
- Commercial and Industrial heating installations
- Led installation teams on commercial heating projects.

Senior Contract Manager

NWS Ltd

Apr 2013 – Jan 2015

- Led delivery of the UK's largest domestic biomass RHI programme.
- Managed ECO and Green Deal installation teams.
- Oversaw installer competency, training, and quality assurance.
- Coordinated nationwide installation teams delivering up to 40 installs per week.

Owner & Director

Derbyshire Heating Services

Aug 2010 – Apr 2013

- Ran day-to-day operations for a heating and renewables business.
- Designed and installed bespoke solar thermal and biomass systems.
- Managed subcontractors, procurement, and customer relationships.

Senior Advanced Heating Engineer

Robert Pretties (Mitie)

Aug 2004 – Aug 2010

- Led installation teams on large-scale heating and DHW projects.
- Signed off installations and ensured compliance with design specifications.
- Delivered plant room installations, rainwater harvesting systems, and contamination control solutions.

Advanced Heating Engineer

Yorkshire Plumbing & Heating

1993 – 2002

- Led installation teams on domestic and commercial heating projects.
- Ensured quality, compliance, and coordination with other trades.

QUALIFICATIONS

Domain	Qualification	Awarding Body	From	Expires
Plumbing	Craft Certificate in Plumbing	City & Guilds	1990	Not applicable
	Unit Credit Certificate – Process, Systems, Practical	City & Guilds	1990	Not applicable
Gas	CCN1	Cert-ain (ACS)	18-11-2025	18-11-2030
	CENWAT	Cert-ain (ACS)	18-11-2025	18-11-2030
	CKR1	Cert-ain (ACS)	18-11-2025	18-11-2030
	HTR1	Cert-ain (ACS)	18-11-2025	18-11-2030
Heating & Renewables	Energy Efficiency for Wet Heating Systems	Cert-ain	23-03-2021	27-02-2026
	Heat Pump Systems (DHPS)	BPEC	21-11-2022	Not applicable
	Domestic Ventilation Installer	BPEC	25-07-2018	25-07-2023
Water Systems	UVHW1 – Unvented Hot Water Systems	Blue Flame	26-02-2026	26-02-2031
	WR1 – Water Regulations (WRAS-endorsed)	Blue Flame	26-02-2026	26-02-2031
Electrical	18th Edition Wiring Regulations (BS 7671:2018)	LCL Awards	18-06-2021	Not applicable
	Inspection, Testing & Certification of Installations	LCL Awards	04-01-2022	Not applicable
	PEB1 – Equipotential Bonding Disconnection	LCL Awards	24-03-2021	23-03-2026
	Installation & commissioning of EV charging eqp	LCL Awards	07-12-2022	Not applicable
Retrofit Strategy	Level 5 Diploma in Retrofit Coordination & Risk Management	Open College Network	26-11-2020	Not applicable
Safety & Compliance	IOSH Managing Safely	IOSH	19-02-2021	Not applicable
	Working at Height – Ladder, Harness, Lanyard	APT Training	07-09-2021	Not applicable
Commercial Gas	CIGA1, install commission and service commercial heating appliances	BPEC	15-07-2016	expired
	CODNCO1, Changeover domestic natural gas to commercial natural gas	BPEC	15-07-2016	expired