

S.A.WALSH

Specialist Consulting Engineers and Expert Witness
The Forensic Engineering Consultants to the Legal Profession



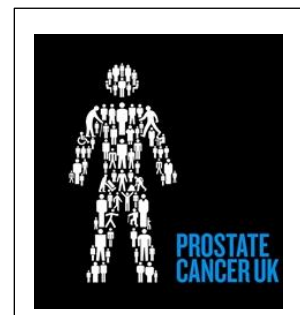
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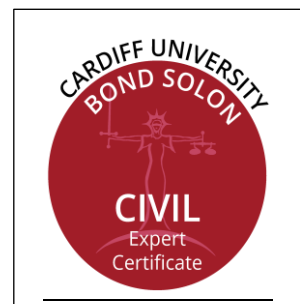
email:
stephen@sawalsh.com

Stephen Walsh,
Credentials.



EXPERT WITNESS

Profession: Chartered Building Services Engineer, (including MEP) and
(Fellow Chartered Institute of Plumbing and Heating Engineers);
Chartered Public Health Engineer, (including MEP);
Chartered Water and Environmental Engineer;
Chartered Occupational Safety and Health Practitioner;
Safe Gas Forensic Engineer;
Accessibility to Buildings Expert
Consulting Engineer;
Accredited Expert Witness.



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Expert; Mr. Stephen Walsh

I entered the profession as a 5 years indentured Domestic and Commercial Plumbing, Drainage, Water, Gas, Public Health Engineering, Building Services Engineering indentured student apprentice during August 1964 and qualified as an Engineer in 1969. I continued my academic and practical training to complete my professional qualification when I was awarded my Council of Engineering Institutions (CEI) Chartered Engineer (CEng.) status in 1983. I became an Expert Witness in 1984. I became registered CORGI gas engineer (now Gas Safe Register) in 1998 in compliance with the then new Gas Safety (Installation and Use) Regulations 1998 (Health and Safety Executive register of competent persons).

I studied MSc Occupational Safety and Health at Greenwich University and after graduating became Chartered Occupational Safety and Health Practitioner in 2000.

During 1989 I re-qualified by examination my electrical NEI CEI qualifications for Domestic and Testing Electrical Installations.

Since 1984 to the present date I have produced Expert Reports and attended Court to give oral evidence. I have been instructed as an Expert Witness in The Royal Courts of Justice, Technology and Construction Courts together with regional County Courts. I have also attended The Central Criminal Court of England and Wales (known as the Old Bailey) for gross negligence and manslaughter cases and attended regional Crown Courts for Health and Safety Executive, Gas Providers and Police prosecutions. I have attended Court in England and Wales; Scotland; Northern Ireland; Channel Islands and Isle of Man all with their own judicial systems.



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Qualifications;

C.Eng.	Chartered Engineer (Council of Engineering Institutions [CEI])
MSc.	Masters of Science. Occupational Safety and Health (University of Greenwich, London). Specialising in incidents relating to Building Services, Plumbing, Drainage and Water Engineering
CMIOSH.	Chartered Member Institution of Occupational Safety and Health and registered as; “Chartered Occupational Safety and Health Practitioner”.
MCIBSE.	Practising Chartered Member of the Chartered Institution of Building Services Engineers.
FCIWEM.	Practising Fellow Chartered Member of the Water Engineer and Environment Management (formerly Institution of the Public Health Engineers)
FCIPHE.	Practising Fellow of the Chartered Institute of Plumbing and Heating Engineers (formerly the Institute of Plumbing).
Safe.Gas	Registered Domestic and Non-Domestic Gas Safe person in compliance with Gas Safety (Installation and Use) Regulations 1998 Health and Safety Register for competent persons. Retired as Gas Safe now require persons to carry out regular gas work and gas inspections not now qualified as gas work as was CORGI. I continue as a Forensic Safe Gas Engineer.
CUEW (CUBS)	Cardiff University Accredited Expert Witness (Bond Solon CUBS) by examination.

Registers

MSoPHE	Member Society of Public Health Engineers.
MEWI.	Founding and Practising Member of the Expert Witness Institute.
MSocEW	Member of the Society of Expert Witnesses.
RoSPA.	Member of Royal Society for the Prevention of Accidents.
NEWA	National Expert Witness Agency
BSRIA	



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Expert Witness Formal Training Qualifications:

- ✓ CUEW (CUBS);
 - Cardiff University Accredited Expert Witness certificate by their examinations.
- ✓ Bond Solon;
 - CPD courses with Bond Solon Expert Witness courses.
- ✓ E.W.I;
 - CPD courses with EXI Expert Witness courses.
- ✓ Law Society;
 - Registered with the Law Society as a “Checked” Expert Witness.
- ✓ UK Register of Experts;
 - Approved and Registered Expert Witness.

Honours:

- ✓ Freeman City of London
- ✓ City Livery Company;
- Worshipful Company of Plumbers.



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Expert; Mr. Stephen Walsh

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Specialist Consulting Engineers and Expert Witness Limited
(trading name; "S.A.WALSH Ltd."),

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Stephen's Email (1); stephen@sawalsh.com

Secretary's Email (2); forensic.eng@btconnect.com

Location Map;

<http://www.streetmap.co.uk/map.srf?x=542855&y=174347&z=0&sv=SE95DF&st=2&pc=SE9+5DF&mapp=map.srf&searchp=ids.srf>

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My Previous Expert Experiences:

- ✓ **Occupational Safety and Health**
- ✓ **Gas Safe Registered. LPG and Oil Services and Appliances.**
 - Domestic and Commercial Boiler Flue failure investigations
 - Investigating Gas Appliance spillages from Natural Gas (NG) and LPG gas burning appliances producing Carbon Monoxide poisoning and fatality
 - Reconstruction of flue pipe failures. Investigating flue discharges crossing property boundary.
 - Gas pipe leaks, explosions and gas discharges from appliances in the home, Natural Gas (methane) poisoning and criminal investigations.
 - Investigating alleged failures of gas contractors undertaking Annual Gas Planned Maintenance Contracts to gas appliances.
 - Assessing and Investigating fires from Aga oil, LPG and Natural Gas (methane) cooking appliances
 - Investigating accidents, personal injury claims and fatalities during the installation of plasticised Gas Mains joined by electrofusion welding technique outside buildings including failure of pipe fittings during pressure testing of gas mains.
 - Investigations of fire caused by work undertaken by Gas Safe fitters and plumbers together with fire damage to property and personal injury caused by faulty boilers and maintenance to the gas appliance.
 - Assessing Commercial, Domestic and Industrial Oil and Gas piped services for safety and compliance with the Regulations
 - Assessing gas flue and combustion air twin pipe systems
 - Investigating Carbon Monoxide spillages in Hotels, Public areas, Holiday accommodation both in UK and Overseas.
 - Audit, Inspection, Investigations of Commercial gas appliances.
 - Instructed as Defendant's Expert in Health and Safety Executive prosecution cases for undertaking Gas work when not competent.
 - Experts 'meeting with Gas Safe Register Expert when they have been instructed by the Prosecution in case of the Defendant not being competent when undertaking gas work.
 - Health and Safety at Work in the workplace inhalation of gas from work process or work related operations and maintenance.
 - HSE prosecutions and private litigation cases for employees personal injuries due to work related activities such as working with machines, air compressor hand held devices, opening and closing entrance doors.
 - Personal Injuries Investigating slips, trips and manual handling injuries together with falling from ladders, down stairs, scaffolding and working at height.

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- ✓ **Building Services Engineering (Mechanical, Electrical & Plumbing [MEP])**
- ✓ **Plumbing and Heating Engineering**
 - Assisting to resolve Customer and Contractor contract, provision of services and financial payments disputes.
 - Investigating Domestic and Commercial Underfloor Heating systems for lack of performance..
 - Investigating leaks from water, waste, soil and/or heating systems causing property damage and personal injury.
 - Investigating water pipe failures and flooding together with other MEP alleged failures in high specification and profile London and other locations in UK domestic and commercial properties for special clients.
 - Investigating Commercial Kitchens to resolve blocked drains with cooking oils and fats. Assisting in Tenant and Landlord disputes for drain responsibility and waste fats and oils retentions and treatment before entering the drains. Checking dirty washing practices and appropriate equipment.
 - Investigating defective Planned Preventative Maintenance to Building Services in commercial, domestic and industrial properties.
 - Personal injury due to scalding from hot water in bath, shower, sink, bidet and basin, and burns from hot unprotected radiator and hot surfaces. Excess hot under floor heating system resulting in personal injury to feet and other parts in contact with the floor.
 - Investigations of Personal Injuries to the Disabled due to using incorrect installed/maintained sanitary fittings.
 - Investigating freezing of piped systems inside buildings and assessing the thermal protection. Also investigating failed fittings due to freezing.
 - Investigating “Water Hammer” and “Hydraulic Surges” in failed piped systems.
 - Investigating pumped hydraulic systems in commercial and industrial properties and facilities.
 - Investigating failed Fire Sprinkler systems.
 - Investigating alleged failures to District Heating Installations.
 - Investigating Sanitary Facilities for the Disabled
 - Investigating water systems not providing service as intended due to possible design and installation considerations.
 - Investing Heating, Air Conditioning and Refrigeration Systems not providing the service they were intended by Contractors.
 - Investigating clean and dry compressed air and gases for 3D printing machines, and other commercial and industrial purposes.

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- ✓ **Water Engineering and Environment Management (MEP)**
- ✓ **Public Health Engineering investigations; (MEP)**
 - Underground drainage investigations into surcharging and flooding.
 - Rainwater (surface water) into buildings.
 - Surface water flooding investigations from adjacent adjoining land and sewers.
 - Investigating ground water and surface water into buildings due to incorrect construction, elevated ground water levels and disposal of surface water from managed catchment of housing and/or commercial development or other causes.
 - Flood management failures which were designed to protect property.
 - Surcharging of sewers into property and collapsing property due to washout.
 - Assessment of Commercial, Industrial and Domestic large and small drainage and sewer systems following users' complaints of flooding and emissions of sewer gases causing a nuisance and leading to personal injury by gas inhalation.
 - Water leaks from plumbing components and soil and waste water systems causing water damage and flooding to property and finishings, stock in shops and commercial property. Personal injury in flats when ceiling collapsed onto owner/user. Slipping on wet surfaces.
 - Investigating alleged sewer gas emissions at farms and process plants.
 - Investigating of Domestic and Commercial installations of waste water treatment systems not functioning and flooding.
 - Investigating alleged Hydrogen Sulfide gas from treatment systems and septic tanks.
 - Supervision and reporting of CCTV investigations into underground piped system failures including grease blockages from kitchens.
 - Investigation into water logged fields, run-off from impervious areas and resolution to resolve.
 - Investigating centralised drainage plant failures for hotels, commercial industrial and housing estates.
 - Customer and Landlord contract disputes of Plumbing, Drainage, Hot and Cold Water systems, Heating, Air Conditioning, and gas goods and services when installations not fit for the purposes intended.
 - Investigating fatality at Water Undertaking Pumping station when high pressure mains pipe joint failed.

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Regional Details:

- ✓ I accept instructions within the United Kingdom.
- ✓ I attend the England and Wales, Scotland, Northern Ireland and the Isle of Man Courts with their own judicial systems and own Building Regulations, Standards and Gas Safety Regulations.
- ✓ I have also given evidence at Arbitration, Mediation and Public Hearings.

Language:

- ✓ I am only fluent in English.

Expert Witness Work:

- ✓ I accept instructions for;
 - Single Joint Expert (CPR Part 35),
 - Party Appointed Expert for the Claimant (CPR Part 35)
 - Party Appointed Expert for the Defendant (CPR Part 35)
 - Expert for the Prosecution (CrPR Part 33)
 - Expert for the Defendant (CrPR Part 33).
 - Single Joint Expert in compliance with CrPR Part 33.
 - Personal Injury Claims for either party or joint (CPR Part 35)
- ✓ I do not accept instructions for;
 - Legal Aided paid work unless the solicitors accept my terms
 - Family Court

Lawyer Consultation:

- ✓ I am willing to give 15 minutes free consultation without obligation to discuss possible instruction.