

Professional Synopsis

Key Skills

- Chartered Engineer having in excess of 30 years experience of engineering services.
- Expertise within the healthcare, commercial, pharmaceutical & process construction environments.
- Experience in leading design teams and working as part of a multidisciplinary team.
- Vast experience in design, selection and installation supervision of all engineering systems, including heating, cooling, pumped fluids, piped gases and ventilation systems used within all construction environments, with completed project values ranging from £10k up to £550M.
- Expert witness having undertaken both single & joint instructions, with cases involving engineering system failure and fire due to design defect, installation failure and defective components.

Career Summary

Andrew formed Upper Langley Consulting following retirement and sale of his equity stake within Couch Perry & Wilkes in May 2012. He has been responsible for many large scale projects in the pharmaceutical, petrochemical, industrial, healthcare, distribution and retail sectors and now operates as an independent consultant offering both engineering design support and independent expert witness services.

Date of Birth: April 1964

Qualifications: BEng.(Hons), Environmental Building Services Engineering, C.Eng., FIHEEM, MCIBSE, MInstR, MEWI, Law Certificate (Cardiff University)

Institutional Memberships

Institute of Healthcare Engineering & Estate Management	IHEEM	Fellow
Chartered Institute of Building Services Engineers	CIBSE	Member
Institute of Refrigeration	InstR	Member
Expert Witness Institute	EWI	Member

Career History

2012 – to date Upper Langley Consulting, Stratford-Upon-Avon - Director

Independent consultant offering strategic review and engineering design services to UK Companies and public bodies, plus expert witness services as both single and joint expert appointments.

2004 - 2012 Couch Perry & Wilkes Partnership, Birming'm – Main Board Director & Equity Partner

The role of Main Board Director & Partner included the day to day running of the practice, supervision of all projects undertaken by the team of 20+ Engineers, conceptual design on major projects and the design & site supervision of the engineering services on numerous projects. Extensive liaison between all key Clients, Professionals & Contractors.

1999 - 2004 Couch Perry & Wilkes Partnership, Birmingham – Associate Mechanical Engineer

Design and specification of Mechanical Building Services for Pharmaceutical, Healthcare, Commercial and Industrial projects.

Andy Edwards continued/

- 1994 – 1999 Courtaulds Engineering, Coventry – Principal Mechanical Engineer
- Responsibility for the design & specification of Building Services installations associated with Petrochemical, Pharmaceutical, and Commercial projects.
- 1990 – 1994 Bennett Williams Partnership, Surrey & Birmingham – Mechanical Engineer
- Design & specification of Building Services installations associated with Healthcare, Retail, Pharmaceutical, Industrial and Commercial projects.
- 1988 – 1990 Cundall Johnston & Partners, London – Graduate Engineer
- Design & specification of Mechanical Building Services installations associated with Industrial, Commercial and Leisure projects.
- 1982 – 1988 West Midlands Regional Health Authority, Birmingham – Apprentice Engineer
- Structured training scheme including design & specification of Mechanical Building Services installations associated with Healthcare projects within the West Midlands.

Recent Expert Witness Experience

Case	Description
UK Supermarkets	Report into multiple failures of CO2 Refrigeration installations within numerous UK supermarkets.
Brownacre food producers	Report into design and installation failure of clean room manufacturing installation.
MOD Corsham, Wiltshire	Report into equipment fire and subsequent failure of primary plant installation.
Central London Restaurant	Report and technical evaluation of disputed failure of hot water services provided by Landlord to Tenant of restaurant premises.
Domestic boiler oil leak	Report into cause of major oil leak and subsequent contamination following installation of new oil fired boiler plant.
Display Case Fire, Scotland	Report into cause of major building fire due to electrical fault within restaurant refrigerated food display case.
Rexway Trading	Report into design and installation defects associated with new domestic heat pump installation.
Cambrian Pet Foods, S.Wales	Report into design and installation failure of coldroom storage installations.
Hyatt Hotel, Birmingham	Report into installation defects associated with multiple chill & frozen food storage enclosures.
Yorkhouse Meat Products	Report into design defects associated with manufacturing plant temperature controlled environment and chilled storage installations