

**Stephen Marshall** BSc CEng FIMechE MCIBSE MIET

**Accredited Expert Witness**

### *Summary*

I have been a professional engineer for thirty five years, and a chartered engineer since 1985. I have worked in several industries, and I bring this unusually broad experience to the field of building services engineering.

I have been taking instructions as an expert since 1995, and in 2005 I was accredited by Cardiff Law School. I have advised on approximately 30 matters relating to Building Services Disputes and I have participated mediations and arbitrations, and I have given evidence in the High Court. I am accredited as an expert witness by Cardiff University.

### *Instructions*

**Settled cases I have assisted on include:**

- Curzon Street
- Harvey + Brockless
- Great Dunmow Police station
- 16 Victoria Road
- Melbury Court
- CHC v Geothermal
- Greenwich Millenium Village
- Oldham ICC
- Aerolaminates
- Ellesmere Port Shopping Centre Adjudication
- Hazelwood Foods v ACWa
- SWP v Halcrow
- Kehr + Tucker
- Strancally Castle
- Ira Court Boilers
- 41 Millharbour
- Chelsea + Westminster v Carillion
- Wrens Nest Fire
- Pellipar Close
- Peak District Tunnels
- Grundon Fire

**Public Lectures:**

The Stephenson Lecture, Cambridge University  
Sustainability in Engineering – The Institution of Engineering and Technology

**Academic**

Past Tutor – The Royal College of Art Postgraduate Architecture course

**2007 – Present - Director, Synergy Consulting Engineers**

In 2007 I co-founded Synergy Consulting Engineers, a practice specialising in low energy design.

**1990 – 2007 - Director, Atelier Ten**

In 1990 I co-founded Atelier Ten Consulting Engineers, a design consultancy with a high international reputation for developing and implementing innovative sustainable environmental techniques. The many prominent buildings we designed included:

- Datastream Telecoms Tower in Brunei
- Federation Square, Melbourne
- The Theatres on the Bay Singapore (envelope)
- Virginia Museum of Fine Art
- Baltic Centre for Contemporary Arts, Gateshead
- Holborn Hotel
- Kimberlin Library, DeMontfort University, Leicester
- London Transport Museum. Covent Garden

In addition to my project related activities at Atelier Ten, I was responsible for IT, Management Information systems, Quality Management and Legal matters.

**1986- 1990 – Director, Synergy Consulting Engineers Limited** – This was a start-up Building Services consultancy company, formed within D Y Davies plc. I was in overall charge of a team designing mechanical and electrical systems of many medium size commercial buildings and hotels. The firm grew to around 55 staff. I joined DY Davies Architects in 1986, who were lead designers and architects for the £200m Heathrow Terminal Three extension/refurbishment (Arrivals and Departures buildings). I chaired the Lead Design team for the Mechanical and Electrical services, including baggage handling etc for the two T3 terminals.

**1983 – 1985 – Project Manager, Jardine Matheson** - I was a Project Manager for Jardine Matheson on the Hong Kong Exchange Square project, which incorporates the Hong Kong Stock Exchange. The project comprised 1.5m ft<sup>2</sup> of offices with restaurants and shopping in two 50 storey towers plus a podium.

**1979 -1983 – Managing Director, Saudi Minerva** After two years as technical director, I was appointed as Managing Director of a Saudi Minerva, a UK /Saudi joint venture Fire alarm and security company specialising in Gas extinguishing and sprinkler systems

**1976 - 1978 – Nchanga Copper Mine, Zambia**

After completing graduate training I became Sectional Engineer for Technical Services and Planned Maintenance, responsible for planned maintenance of all engineering plant throughout the mine. I subsequently became Sectional Engineer Lower Ore Body. This position was responsible for installation and maintenance of all mechanical and electrical equipment in the underground mine, (except pumps and hoists), including a railway with 70 locomotives. I directly managed approximately 125 staff and a budget of £3m pa.

**1974 -1976** Technical Sales Belaco Friction materials

**1974** – Graduated with BSc Electrical Engineering and Electronics from U.M.I.S.T.