

EXPERT PROFILE



HOOMAN BAGHI **TECHNICAL EXPERT**

Qualifications:

Msc(Hons) Structural Design
BSc(Hons) Civil & Structural
Engineering
Chartered Engineer

Memberships and Associations:

CEng
MICE
MIStructE

Contracts:

JCT
NEC3
Bespoke
EPC

Sectors:

Building
Energy
Infrastructure
Oil and Gas
Process and Industrial

Geographic experience:

Africa
Americas
Asia Pacific
Europe
Middle East
UK

Highlights:

- Chartered Civil and Structural Engineer
- Over 25 years of construction industry experience
- Cross-examined in International Court of Arbitration ICC
- Specialist in structural design and material defects, dynamic analysis, BIM, foundations, sub-structures, retain structures and temporary works
- Extensive technical work on numerous expert commissions

Summary:

Hooman is an experienced Chartered Structural and Civil Engineer with over 25 years' experience. He has carried out analysis, design and structural engineering investigations throughout his career as well as gaining substantial experience of forensic engineering and expert witness services, including technical support to other experts, on various projects in size and complexity, over the past 10 years.

He has been appointed to provide independent expert reports as well as being cross-examined in international arbitration. His technical experience extends across a wide variety of sectors including industrial, commercial, residential, educational, health, leisure, sport and hospitality, renewable energy in respect of new and refurbishment projects for a variety of employers and contractors.

Hooman possess advanced technical knowledge and experience in steel structures of many shapes and forms. He has a broad knowledge and understanding of welding defects, destructive and non-destructive testing and weld repairs, as well as defects in various type of bolted connections.

In addition to steel, along with designing reinforced concrete (RC) structures, he has carried out extensive analysis and design investigation relative repairs and remedial solutions for structural concrete frames, foundations, basement, pile and piled rafts, retaining walls and large concrete floors. Hooman also has experience of other materials including as poly carbonate, aluminium, stainless steel and glass.

Hooman is also vastly experienced in façade replacement and cladding in various forms including curtain walling and masonry cladding (stone and brick), timber and metal cladding; temporary works in metal (steel, aluminium, scaffolding, layher systems, steel space frames, connections, double-curvature and twisting triangular monocoque steel frames) and timber and working under various national and international standards.

Hooman has also carried out extensive analysis and design and has provided independent opinion on subsidence and geotechnical issues, foundation problems, piling, abutments, retaining walls, propping and basements.

This expert has the following cross-examination experience:

- International Arbitration
- Successfully completed external cross examination courses

This expert has recently been instructed by:

- Clarke Willmott LLP
- DAC Beachcroft
- Walker Morris
- Weightmans LLP