

MICHAEL BUTTERS MRICS MCInstCES
CHARTERED SURVEYOR | CONSTRUCTION & ENGINEERING SURVEY
SPECIALIST | EXPERT WITNESS

PROFILE

Chartered Surveyor and Construction Professional with more than 40 years' experience across Civil Engineering, Mechanical Engineering, Nuclear, Petrochemical, Infrastructure and Land Surveying projects throughout the United Kingdom, Europe, the Middle East, Africa and Asia.

Member of the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institution of Civil Engineering Surveyors (CICES), with extensive expertise in topographical surveys, boundary disputes, land rights investigations, engineering control, construction verification, laser scanning and preparation of technical evidence for legal and contractual matters.

Experienced in acting for private clients, contractors and property owners in matters involving boundary encroachment, land ownership disputes, private road construction issues, speed calming disputes, construction setting out discrepancies and technical surveying investigations.

Highly experienced in the preparation of AutoCAD drawings, survey exhibits, technical reports, evidential photography, dimensional analysis and court-ready documentation suitable for litigation support, mediation and dispute resolution proceedings.

Career includes senior surveying and construction management roles on major infrastructure and industrial projects including nuclear power stations, petrochemical facilities, structural steel developments, highways, water treatment works and heavy civil engineering schemes throughout the UK and overseas.

AREAS OF EXPERTISE

- Expert Witness Services
- Boundary & Land Ownership Disputes
- Land Encroachment Investigations
- Topographical Surveys
- Civil Engineering Surveys
- Mechanical & Industrial Alignment Surveys
- Construction Verification & As-Built Surveys
- Laser Scanning & Measured Surveys
- Construction Setting Out & Dimensional Control
- Rights of Access & Land Use Matters
- Private Road & Highway Disputes
- Technical Reporting & Court Documentation
- AutoCAD Survey Interpretation
- QA/QC Verification & Compliance
- Structural Steel & Mechanical Alignment Surveys
- Infrastructure & Utility Corridor Surveys
- Contract Coordination & Site Investigation

PROFESSIONAL MEMBERSHIPS

Royal Institution of Chartered Surveyors (RICS)
Member

Chartered Institution of Civil Engineering Surveyors (CICES)
Member

QUALIFICATIONS

BSc Surveying & Mapping Sciences
Newcastle University

HND Business IT

HNC Construction

LANGUAGES

French – Fluent Technical and Conversational

EXPERT WITNESS & DISPUTE EXPERIENCE

Provided independent surveying advice and technical documentation relating to:

- Residential and commercial boundary disputes
- Land encroachment and “land grab” allegations
- Private road and speed calming disputes
- Survey verification and dimensional accuracy investigations
- Topographical verification surveys
- Land ownership interpretation using historical plans and measured evidence
- Preparation of survey drawings and supporting documentation for legal proceedings
- Technical evidence gathering using measured survey and laser scanning techniques
- Liaison with solicitors, property owners and construction professionals in dispute resolution matters

Prepared AutoCAD drawings, survey exhibits, measured evidence and written technical observations suitable for litigation support, mediation and formal dispute proceedings.

CAREER HISTORY

Survey Manager – Various Projects – Sellafield
2013 – Present

Responsible for the liaison and management of survey teams involved in Civil Engineering, Mechanical and Structural Steel projects within highly regulated nuclear environments.

Duties include:

- Management of survey teams and engineering control
- Laser scanning surveys and dimensional verification
- As-built surveys and construction compliance reporting
- AutoCAD detailing and updating design drawings
- Clash detection and construction coordination
- Liaison with contractors, engineers and project management teams
- Preparation of technical survey documentation

Site Manager – Kier Construction – Chapelcross Power Station Decommissioning
2011 – 2013

Responsible for planning, management and coordination of decommissioning works within a major nuclear environment.

Duties included:

- Daily site coordination meetings
- Short-term and long-term programme management
- Risk assessments and method statements
- Planning and resource allocation
- Progress reporting and compliance monitoring

Civil Superintendent – Sellafield Ltd
2009 – 2010

Responsible for surveying and management of major earthworks operations involving approximately 150,000m³ of earth and rock excavation.

Duties included:

- Haul route and dump area surveys
- Weekly volumetric calculations
- AutoCAD progress drawings
- QA/QC inspections and reporting
- Method statements and risk assessments
- Safe execution and compliance monitoring

Civil Superintendent – Bradwell Nuclear Power Station
2008 – 2009

Responsible for civil engineering works associated with nuclear decommissioning projects.

Duties included:

- Safety and quality management
- Method statements and risk assessments
- Planning and resource scheduling
- Permit and compliance control
- Construction coordination

Senior Superintendent – Development Projects
2004 – 2008

Responsible for surveying and coordination of roads, buildings and industrial developments.

Duties included:

- Survey control and setting out
- AutoCAD drawing production
- Coordination with architects and developers
- Site supervision and dimensional verification

Construction & Engineering Projects – Various Major Contractors
2000 – 2004

Worked on major civil engineering and structural steel projects including:

- Overland pipeline surveys
- Reinforced concrete structures
- Water treatment facilities
- Structural steel alignment
- Metro infrastructure projects
- Commercial developments

Projects involved detailed setting out, dimensional control, AutoCAD production, QA/QC verification and contractor coordination.

Construction Superintendent – Hydro Aluminium Century
1997 – 1998

Client-side Construction Superintendent on a £13m industrial expansion project involving civil, structural and mechanical engineering works.

Responsibilities included:

- Multidisciplinary coordination
- Liaison with European contractors
- Technical problem solving
- Maintaining operational continuity during construction
- French language liaison with contractors and suppliers

Construction Superintendent – Raytheon / Badger
1992 – 1997

Worked internationally on major petrochemical and refinery developments in France, Thailand and Portugal.

Projects included:

- Shell refinery development in Thailand
- Chemical fibre plant in France
- Gasoline plant construction in Portugal

Responsibilities included:

- Civil and structural coordination
- Mechanical and electrical construction oversight
- Progress meetings and contractor management
- Technical liaison with multinational teams
- French language coordination with contractors and clients

Sub Agent – Sizewell B Nuclear Power Station
1990 – 1992

Responsible for civil engineering operations associated with reinforced concrete structures and mechanical installation works.

Duties included:

- QA/QC reporting and inspections
- Reinforced concrete supervision
- Mechanical equipment grouting and alignment
- Structural steel verification
- Client inspections and compliance control

Mechanical Surveyor – National Nuclear Corporation
1985 – 1989

Responsible for precision surveying and alignment within nuclear power station construction projects at Torness and Heysham B.

Duties included:

- Precise levelling and location control
- Reactor alignment surveys
- Mechanical installation verification
- Fuel rod guide alignment
- High-precision dimensional control

Party Chief First Class – ARAMCO – Saudi Arabia
1979 – 1984

Responsible for survey control, boundary establishment and topographical surveys in remote desert environments.

Duties included:

- Establishment of survey monuments
- Boundary and land control surveys

- Long-distance traverses
- Topographical surveys
- Aerial photography control points
- Remote site operations

SOFTWARE & SURVEY TECHNOLOGY

- AutoCAD
- Laser Scanning Technology
- Total Stations & GNSS Survey Equipment
- Digital Levelling Systems
- Topographical Survey Processing
- QA/QC Documentation Systems
- Engineering Survey Control Systems

GEOGRAPHICAL COVERAGE

United Kingdom and Overseas

AVAILABLE FOR

- Expert Witness Appointments
- Litigation Support
- Boundary & Land Disputes
- Construction Disputes
- Independent Survey Investigations
- Technical Site Inspections
- Mediation & Arbitration Support
- Court Documentation & Survey Exhibits