



**TECHNICAL
EXPERTISE**



AREAS OF TECHNICAL EXPERTISE OFFERED



BUILDINGS

- Architecture
- Cladding
- Dry stone
- Facades
- Fire Protection/ Detection
- Forensic Accounting & Quantity Surveying
- Glazing
- Health and Safety
- Mechanical/Electrical/Plumbing (MEP)
- Mold Expert
- Naval Architecture
- Property & Commercial – Real estate
- Structural blockwork
- Structural brickwork
- Structural concrete
- Structural design
- Structural failure
- Structural frames
- Structural glass
- Structural integrity
- Structural masonry
- Structural timber
- Structural waterproofing
- Windows

INFRASTRUCTURE

- Aircraft engineering
- Agriculture-related expertise for
- Design Engineering
- DPR studies related to construction.
- Engines
- Forensic Accounting & Quantity Surveying
- Geotechnical-related expertise
- Japanese knotweed
- Health and Safety processes during under-construction.
- Material price escalation
- Maintenance
- Structural defects for foundations
- Structural defects
- Structural dynamics
- Structural engineering
- Structural steel
- Structural surveying
- Tunnel ventilation
- Unit rate analysis
- Variation-related queries to be opined upon.

FINANCIAL

- Financial assurance
- Financial Conduct Authority
- Financial markets
- Financial misrepresentation
- Financial modelling
- Financial planning
- Financial products
- Financial regulations
- Financial risks
- Financial security



AREAS OF TECHNICAL EXPERTISE OFFERED



MARINE

- Marine anchors
- Marine bunkering industry
- Marine cargoes
- Marine charts
- Marine coatings
- Marine digital evidence
- Marine Dredging
- Marine electrical systems
- Marine engineering
- Marine engines
- Marine fires
- Marine forensics
- Marine fouling
- Marine freight transport
- Marine insurance
- Marine lifting
- Marine materials
- Marine medical emergencies
- Marine meteorology
- Marine paints
- Marine pollution
- Marine positioning
- Marine reinsurance
- Marine risks
- Marine satellite positioning systems
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- Marine science
- Marine structures
- Marine surveying
- Marine systems
- Marine technology
- Marine transportation
- Marine warranty
- Marine wavefield monitoring
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METALLURGY AND MINING

- Metals
- Metalwork
- Metalworking fluids
- Mineral processing
- Mining
- Mining engineering
- Mining geology
- Mining law
- Mining machinery
- Mining methods
- Mining shafts
- Process engineering
- Stainless steel corrosion metallurgist
- Waste welding and metallurgy



AREAS OF TECHNICAL EXPERTISE OFFERED



MEP

- Air conditioning
- Air conditioning systems
- Air cooling systems
- Air ducting
- Air emissions
- Air exhaust systems
- Air filtration
- Air handling units
- Electrical building regulations
- Electrical building services
- Electrical components
- Electrical engineering
- Electrical fires
- Electrical installations
- Electrical instrumentation
- Electrical machinery
- Electrical power engineering
- Electrical power systems
- Electrical process technology
- Electrical steel
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- Electrical systems
- Electrical technology
- Fire accelerants
- Fire accident investigation
- Fire alarm systems
- Fire Brigade
- Fire damage
- Fire detection systems
- Fire doors
- Fire dynamics
- Fire dynamics modelling
- Fire engineering
- Fire escapes
- Fire extinguishing systems
- Fire hydrants
- Fire insurance
- Fire law
- Fire Precautions Act
- Fire prevention
- Fire protection
- Fire raising
- Fire regulations
- Fire risk assessment
- Fire safety
- Fire safety auditing
- Fire Safety Order 2006
- Fire safety regulations
- Fire safety systems
- Fire safety training
- Fire stops
- Fire suppression systems
- Fire surveying
- Fire testing
- Fire-retardant coatings
- Fire-retardant materials
- Mechanical appliances
- Mechanical building services
- Mechanical components
- Mechanical design
- Mechanical engineering
- Mechanical failure
- Mechanical fasteners
- Mechanical fractures
- Mechanical handling
- Mechanical handling machinery
- Mechanical industrial processes
- Mechanical lifting
- Mechanical lifting equipment
- Mechanical manufacture
- Mechanical patents
- Mechanical plant
- Mechanical safety
- Mechanical services
- Mechanical structures
- Mechanical systems
- Mechanical testing
- Plumbing
- Plumbing fittings
- Plumbing systems

AREAS OF TECHNICAL EXPERTISE OFFERED



OIL & GAS

- Bank erosion and flooding
- Corrosion – both sub terranean and ground level
- Dredging and Docking facilities
- Gas boilers
- Gas cargoes
- Gas chromatography
- Gas detection systems
- Gas dynamics modelling
- Gas engineering
- Gas engines
- Gas exploration
- Gas fires
- Gas heating systems
- Gas industry
- Gas markets
- Gas masks
- Gas meters
- Gas processing
- Gas processing plant
- Gas rigs
- Gas services
- Gas shipping
- Gas ships
- Gas storage
- Gas turbines
- Gas welding
- Gas wells
- Gaseous emissions
- Offshore pipeline engineering
- Oil boiler plant
- Oil burners
- Oil cargoes
- Oil engineering
- Oil fuel
- Oil industry
- Oil lakes
- Oil markets
- Oil pipelines
- Oil platforms
- Oil pricing
- Oil pricing benchmarks
- Oil processing
- Oil processing plant
- Oil products
- Oil refining
- Oil rigs
- Oil shipping
- Oil spills
- Oil tankers
- Oil tax
- Oil trading
- Oil & Gas drilling.
- Oil Rig decommissioning
- Piped systems
- Pipeline engineering
- Pipelines
- Pipework
- Piping systems
- Pipeline decommissioning
- Pipeline design and execution
- Petrochemical process
- Process Engineering
- Structural engineering for oil platforms
- Track commissioning, with knowledge of issues of cracking in concrete.



AREAS OF TECHNICAL EXPERTISE OFFERED



POWER AND RENEWABLE ENERGY

- Energy
- Energy assets
- Energy auditing
- Energy commodities market
- Energy efficiency
- Energy engineering
- Energy industry
- Energy insurance
- Energy markets
- Energy plant
- Energy storage
- Energy use
- Green Energy
- Hydraulic engineering
- Hydraulic gates
- Hydraulic lines
- Hydraulic modelling
- Hydraulic presses
- Hydraulic scissor lifts
- Hydraulic systems
- Hydraulic turbines
- Hydraulics
- Hydro speed
- Hydrocarbon fires
- Hydrocarbon fuels
- Power including Nuclear
- Penetrating Damp
- Process engineering
- Renewable energy
- Renewable energy businesses
- Renewable energy industry
- Renewable energy systems
- Solar energy
- Solar energy facilities
- Solar glare
- Solar glint
- Solar lentigo
- Solar photovoltaic panels
- Solar power
- Solar power plant
- Solar radiation
- Solar shading

- Solar thermal analysis
- Under water shaft widening projects
- Waste to Energy plants.
- Water Ingress
- Wind farms
- Wind force analysis
- Wind generators
- Wind loading
- Wind turbine generators
- Wind turbines

STEEL

- Steel plate
- Steel price cycle
- Steel rebar
- Steel sections
- Steel sheet
- Steel slab
- Steel structures
- Steel trading
- Steel tube
- Steel tubes

IT

- ERP Systems
- SAP R/3 software





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