

# SCHEDULE OF TECHNICAL EXPERTS

HKA has over 350 engineering experts across all regions of the globe. Our engineering experts are specialists in their fields & experienced in helping clients & their advisors resolve disputes. Whether providing expert advisory, expert determination or expert witness services, HKA occupies the unique, multi-disciplinary space that combines quantum, engineering, delay, disruption, damages, & government contracts. We call this capability, QED+.

BUILDINGS		
Acoustics		Robert Adnitt
Aquatic centres		Frank Pollacchi
Architecture		Robert Campbell
		Hamish Clark
		Deborah Kirk
		Euan Geddes
		Colin McCartney
Asbestos		Colin McCartney
Civil & structural		Alex Currie
Cladding		Euan Geddes
		Hamish Clark
Construction materials	Masonry	Alex Currie
	Glass	Tim Macfarlane
Data centres		Ian Bitterlin
Demolition		Ian Paterson
Electrical building services engineering, lighting design		Bill Haggart Allan Paton
Energy efficiency		Paul Bennett
Fire engineering		Jamie Davis
		Jim McGonigal
Fire safety systems		Al Brown
HVAC systems		Gerry Brannigan
Lifts & escalators		Gareth Lomax
		Gerry Brannigan
Mechanical building services, MEP, public health engineering		Neil McDonald
		Ken McLean
		David Russell
MEP QS		Robert Varney

INFRASTRUCTURE		
Airports		Colin Marshall
		Philip Ebbatson
Bridges		Bill Frankland
		Philip Ebbatson
		Richard Craig
Buildings		Alex Currie
		Ian Paterson
Concrete		Mike Webster
Concrete structures technology		John Knights
Contaminated land		Michael Smith
Contract management & FIDIC		Colin Marshall
Drainage		Gaye McKay
Geology		Peter Cowsill

INFRASTRUCTURE		
Geotechnical engineering		Jon Palmer
Heavy steelwork & structures		Bill Frankland
		Grant Gellatly
Highways		Peter Caillard
		Ian Padgett
Hydro power		Doug Neville
		Jeff Poole
		Peter Caillard
Infrastructure		Patrick Keating
Marina design		Patrick Keating
Piling		Robert Hutchison
Piling, subsidence, instability, land reclamation		Dudley English
		John Carmichael
Ports & harbours	Rolling stock	Chris Hoskin
	Safety & operations	Nigel Murphy
	Signalling & operations	Paul Cheeseman
		Jim McGrory
Systems	Piers Connor	
Reservoirs, wastewater treatment		Jonathan Butterworth
Stadia		Bill Frankland
Structural		Hugh Henderson
Tunnels		Chris Hughes

OIL & GAS		
Auditing & certification		Tom Gunningham
Coatings		Trevor Osborne
Coatings & corrosion		Chris Googan
Compliance (industry standards)		Mike Smith
Drilling technology/ wells		Steve Devereux
Drilling/ well construction		Ken Seymour
Floating production storage & offloading/ naval architecture		Stuart Guy
Flow assurance		Gareth Smith
Geotechnics & foundations		Mark Finch
Jackets/offshore structures		Bill Frankland
Offshore installation advisor / offshore representative		Alan Cattell
Petrochemical plant turnkey contracts		Stephen Linwood
Petroleum engineering		Tom Gunningham
Process engineering/process risk/ HAZOP/HAZID		Alan Borrowman
Process technical safety/risk & process accident & incident investigation/ HAZOP & HAZID		Mark Dodsworth
Quality assurance/quality control		Garry Johnson
Rig intake & compliance/risk & compliance		Trevor Butler
SPS design & operation/subsea flowline & export pipeline design & installation/SURF		Graham Taylor
Subsea control systems		Kevin Slater
Welding		Alan Denny
Welding/NDT		Mark Cozens
Well programme planning/project control		Trevor Butler

**GLOBAL & LOCAL EXPERTISE**  
**HKA PROVIDES THE ENGINEERING EXPERTS YOU NEED**



**POWER, UTILITIES & INDUSTRIAL**

Accidents: engineering & construction plant	Alan Carruthers
	Iain Hall
	David McIntyre
Biomass	Steve Bungay
	Robin Szmidt
CCGT design, operation & maintenance	James Hibbert
	Stephen Linwood
CCGT power, pressure vessels, engineering plant failures	David McIntyre
Computational fluid dynamics	Ferry Tap
Corrosion & coatings	Chris Googan
	Trevor Osborne
Cranes & lifting operations	Roy Claxton
Desalination	Tony Attenborough
	Conor Kenny
District heating systems	Gerry Brannigan
Electrical	John Middleton
Electrical - HVDC	Alexandre Psaltis
Electrical - LV systems	Bill Haggart
	Allan Paton
Electrical networks & infrastructure	Robin Halliday
Finite element analysis	Angus Ramsay
Fuels, energy, power systems, biomass, process engineering	Roddy Wilkie
Gas turbines	Sean McManamon
Geothermal power plant O&M	Iain Hall
Hydro, marine & wind power	Bryan Leyland
Hydro power	Joe Pott
Hydrodynamics	Rob Wild
Instrumentation & control, SCADA	Rob Ironside
Materials handling	Rod Melling
	James Hibbert
Mechanical failures	Mike Lewis
	Alan Carruthers
Mechanical plant & equipment	John Dunlop
	Gavin Ferguson
Mining	Graeme Briggs
Packaged equipment	Bruce Quare
Piping & flushing	David McIntyre
Power plant	Jon Osborne
Power plant operation & maintenance	Jonathan Osborne
Power generation (renewable & fossil fuels)	Dr Zaffer Khan
	King Ng
Process engineering	Alan Borrowman
	Stuart Cameron
Pressure parts	Stuart Cameron

**POWER, UTILITIES & INDUSTRIAL**

Project management	Stephen Linwood
	David Andsell
Steam turbines	Iain Hall
	Seán McManamon
Steam boilers	Stuart Cameron
Steel production	Paul Saddington
	Bill Penn
Transformers, electrical networks	Ian Hunter
	Robin Halliday
Vibrations	Svend Ole Hansen
Waste water	Steve Bungay
	Conor Kenny
Water treatment, chemical engineering & chemistry	Rolf Clayton
	Bob Wilson
Welding	Richard Hill
	Conor Kenny
Wind turbine blades	Alan Denney
Wind turbines	Christopher Stanley
	Lorenzo Occhineri
	Richard Jones

**OTHER EXPERTS**

Agricultural machinery & vehicles	David Williams
CDM services	Mike Webster
Construction health & safety	Richard Wilson
Electrical accidents	Allan Paton
Environmental engineering, hydrology	Alistair Dalziel
Environmental noise	Robert Adnitt
Marine engineering	Bob Loudon
Security systems	William Hooper

For further information, please contact your local HKA office or:

**Gerry Brannigan**  
gerrybrannigan@hka.com  
+44(0)7968990984

**David McIntyre**  
davidmcintyre@hka.com  
+44(0)7712199357