

SCHEDULE OF TECHNICAL EXPERTS

JULY/AUGUST
2018

HKA has over 160 technical experts providing expert witness and advisory services across all regions of the globe. HKA continues to expand its technical breadth, depth and geographical spread through its 45 offices in 21 countries. Uniquely, HKA's technical experts join with their delay and quantum colleagues to provide the triumvirate of expert and dispute services. Our experts are specialists in their field and experienced in helping clients and their advisors resolve disputes.

BUILDINGS & PROPERTY

| | | |
|--|--|----------------|
| Acoustics | Robert Adnitt | |
| Aquatic centres | Frank Pollacchi | |
| Architecture | Robert Campbell Hamish Clark Bruce Blackhall | |
| Asbestos | Colin McCartney | |
| Chemistry, legionella & water systems | Vicki Wilson | |
| Civil & structural | Alex Currie | |
| Cladding | John Campbell Hamish Clark | |
| Construction materials | Masonry | Alex Currie |
| | Glass | Tim Macfarlane |
| | Timber | Jim Coulson |
| Demolition | Ian Paterson | |
| Electrical building services engineering, lighting design | Bill Haggart Gary Gold | |
| Energy efficiency | Paul Bennett | |
| Facilities management | Barry Knight | |
| Fire engineering | Simon Lay | |
| Fire safety systems | Al Brown | |
| Lifts & escalators | Robin Primrose | |
| Mechanical building services, MEP, public health engineering | Gerry Brannigan Neil McDonald Ken McLean | |
| MEP QS | Robert Varney | |
| Piling | Neil Smith | |
| Planning | Ruth Jackson | |
| Project management | Paul Mansell | |
| Refrigeration | Robert Arthur | |

MECHANICAL & PROCESS

| | |
|--|----------------------------------|
| Agricultural engineering | David Williams |
| CCGT power, pressure vessels, engineering plant failures | David McIntyre |
| Construction management | Charles Stanhope |
| Corrosion & coatings | Mohsen Mazraeh Trevor Osborne |
| Corrosion & tribology | Simon Norton |
| Cranes | Roy Claxton |
| Desalination | Tony Attenborough |
| Electrical | John Middleton |
| Electrical, HVDC | Alexandre Psaltis |

MECHANICAL & PROCESS

| | |
|---|--------------------------------------|
| Electrical, LV systems | Bill Haggart Gary Gold |
| Fluidised bed combustion | Peter Davies |
| Fuels & process engineering | Roddy Wilkie |
| HVAC systems | Gerry Brannigan |
| Instrumentation & control, SCADA | Keith Oversby |
| Large electric machines, engine control | Antony Anderson |
| Mechanical failures | James Hibbert |
| Mechanical plant & equipment | Alan Carruthers |
| Microscopy & NDT | Jamie Pollock |
| Mining | Gavin Ferguson Peter Hetherington |
| Offshore/onshore drilling, wells | Trevor Butler |
| Pipeline fluid flow | Martin Brown Gareth Smith |
| Petrochemical plant turnkey contracts | Stephen Linwood |
| Pollution control | Tal Golesworthy |
| Power generation (renewable & fossil fuels) | Arthur Carlisle Jonathan Osborne |
| Power generation (transmission & distribution) | James Davies |
| Process engineering | Phil Durrant |
| Project management | Paul Mansell |
| Quarrying, minerals | Hugo Pettingell |
| Subsea pipelines | Jon Hawes |
| Subsurface, drilling & completion engineering | Steven Walters |
| Waste water | Steve Bungay |
| Water treatment, chemical engineering & chemistry | Rolf Clayton Bob Wilson |
| Welding | Alan Denney Bob Teale |

CIVIL & STRUCTURAL

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|--------------------------------|---|
| Bridges | Ian Hunt |
| Buildings | Ian Paterson Alex Currie |
| Civil & structural engineering | Doug Neville Alistair Christie Peer Dalland |
| Concrete | Mike Webster |
| Contaminated land | Michael Smith |
| Drainage | Gaye McKay |
| Geology | Colin Braithwaite |
| Geotechnical | Peter Cowsill |
| Heavy steelwork & structures | Bill Frankland |
| Highways | Grant Gellatly |
| Hydro power | Ian Padgett |
| Infrastructure | Peter Caillard |
| Land use | Peter Danks |
| Lighting design | Euan Clayton |
| Mining | Gavin Ferguson |

**GLOBAL AND LOCAL EXPERTISE
HKA PROVIDES THE EXPERTS YOU NEED**

HK>A

CIVIL & STRUCTURAL

| | |
|----------------------------------|----------------------|
| Piling, subsidence, instability | Dudley English |
| Ports & harbours | Alan Tricklebank |
| Reservoirs, wastewater treatment | Jonathan Butterworth |
| Stadia | Bill Frankland |
| Structural | Hugh Henderson |
| Transport planning | Sam Shortt |
| Tunnels | Chris Hughes |
| Vibrations | Svend Ole Hansen |
| Water resource engineering | Melvin Woodhouse |

OTHER TECHNICAL SERVICES

| | | |
|--------------------------------------|-------------------------|-------------------------------|
| Agronomy | Gordon Jabaak | |
| Computer forensics | Jim Borwick | |
| Environmental engineering, hydrology | Alistair Dalziel | |
| Finite element analysis | Angus Ramsay | |
| Instrumentation & control, SCADA | Keith Oversby | |
| Land use | Peter Danks | |
| Mobile & wireless technology | Ken Henderson | |
| Optical technology | Iain Neil | |
| Rail | Rolling stock | Edward Johnson |
| | Safety & operations | Nigel Murphy |
| | Signalling & operations | Paul Cheeseman Jim McGrory |
| | Systems | Piers Connor |
| Security systems | Gordon Herral | |

MARINE, NAVAL & OFFSHORE

| | |
|-------------------------------------|--------------------------------|
| Concrete structures | Jon Knights |
| Corrosion & coatings | Chris Googan |
| Drilling | Steve Devereux |
| FPSO | Stuart Guy |
| Hydrodynamics | Rob Wild |
| Marina design | Patrick Keating |
| Marine electrical & instrumentation | Alan Dundas |
| Marine engineering | Bob Loudon |
| Marine & offshore fires | Jim Lygate |
| Naval architecture | Jon Hawes |
| Pipelines | Fred Williams |
| Ports & harbours | Ian Hunt Alan Tricklebank |
| Subsea geotechnical engineering | Mark Finch Peter Blair-Fish |
| Subsea pipelines & engineering | Graham Taylor |

INDUSTRIAL ACCIDENTS

| | |
|---|--|
| Accidents: engineering & construction plant | Alan Carruthers Iain Hall David McIntyre |
| Agricultural machinery & vehicles | David Williams |
| Asbestos surveying/removal | Colin McCartney |
| CDM services | Allan Cumming |
| Construction health & safety | Richard Wilson |
| Electrical accidents | Gary Gold |
| Environmental noise | Robert Adnitt |
| Fires & explosions | John McCullough |
| Lifting operations | Roy Claxton |

INDUSTRIAL ACCIDENTS

| | |
|-----------------------------------|------------|
| LPG & fuel safety | John Nicol |
| Occupational health & safety | Iain Hall |
| Production rigging & event safety | Tom Goode |

ENERGY & POWER

| | | |
|---|----------------------------------|------------------|
| Ammonia plants | Dan Cojocar | |
| Batteries | Robert Gustar | |
| Biomass | Steve Bungay | |
| CCGT design, operation & maintenance | James Hibbert Stephen Linwood | |
| District heating systems | Gerry Brannigan | |
| Electrical generation | Antony Anderson | |
| Electrical networks & infrastructure | Robin Halliday | |
| Energy economics | Ariel Bergmann | |
| Fluidised bed combustion | Peter Davies | |
| Fuel cells, power electronics | Andrew Cruden | |
| Fuels, energy, power systems, biomass | Roddy Wilkie | |
| Fuel technology | David Carmichael | |
| Geothermal power plant O&M | Iain Hall | |
| HVDC | Alexandre Psaltis | |
| Hydro, marine & wind power | Bryan Leyland | |
| Hydro power | Joe Pott | |
| Instrumentation & control, SCADA | Keith Oversby | |
| LPG & fuel safety | John Nicol | |
| Materials handling | Alan Jackson | |
| Nuclear decommissioning | Stuart Bowe | |
| Nuclear power | John Earp | |
| Offshore pipelines | Bill Neilson | |
| Oil & Gas | Offshore pipelines | Bill Neilson |
| | Process engineering | Alan Borrowman |
| | Electrical | Andrew McGeachie |
| | Petroleum engineering | Iain Young |
| | Economics | Mark Cronshaw |
| Operation & maintenance | Jon Osborne | |
| Petroleum engineering | Iain Young | |
| Pollution control | Tal Golesworthy | |
| Power generation (renewable & fossil fuels) | Arthur Carlisle Bob Loudon | |
| Power plant | David McIntyre Bob Loudon | |
| Steam turbines | Iain Hall | |
| Transformers, electrical networks | Iain Hunter | |
| Wind turbines | Ewen Morrison | |
| Wind turbine blades | Christopher Stanley | |

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

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