



Eur Ing Professor Geoffrey M. Beresford Hartwell

**CEng FIMechE FIET FCIArb FICArb(India) MIEEEE(USA)
Formerly CompanionICE MInstMC MINucE MCIWEM FConsE**

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Curriculum Vitae

Profession: Chartered Engineer, Registered Arbitrator, Accredited Adjudicator (FIDIC) ;
and Mediator (NMA)

Visiting Professor of Arbitration Law, University of South Wales.

Date of birth: 10 Feb 1936

Areas of practice:

Arbitration, Mediation, Adjudication Determinative Expertise and other
Dispute Resolution.

Engineering Design and Project Management

Technical Investigation and Troubleshooting

Expert Witness in UK and Overseas.

Note: Geoffrey Hartwell is disabled and travels in a wheelchair. Parties should please let him know if that is not convenient.

Recent Posts:

Senior Partner, BHA Cromwell House, Consulting Engineers
External Professor and Lecturer in Arbitration Law and the Philosophy and Ethics of Dispute Resolution- University of Glamorgan School of Law
Visiting Professor - Brunel University School of Law, London
Visiting Lecturer – University of Kingston-upon Thames Law School

Past Chairman, Chartered Institute of Arbitrators (1996/1997)
Past President, Society of Construction Arbitrators (1997/2001).
Member of IEE/IMechE/ACE Joint Committee on Model Forms of Conditions of Contract

Areas of Technical Expertise:

Power Generation (Nuclear and Conventional), Supply And Distribution.
Water and Wastewater Treatment; Solid Waste Handling, Pumping.
Oil and Petrochemical Plant, Pipelines, Pumping.
Machinery; Manufacturing and Process Plant
Hydraulic Machinery
Marine Works Moving Bridges, Maritime and Water Control Structures;
 Production Rigs, Shipbuilding and construction.
 Roll-on Roll-off Berths,
Data management: Capture, Handling, Conversion And Manipulation.
 Digital Cartography
Instrumentation and control system design and performance; Radio Propagation..
Computer applications; Digital Cartography

Qualifications : (Educational & Professional)

Accredited Adjudicator - Fédération Internationale des Ingénieurs Conseils (FIDIC)
Accredited Mediator - National Mediation Academy - Dallas, Texas; Malaysia

FIMechE	Fellow of the Institution of Mechanical Engineers
FIET	Fellow of the Institution of Engineering and Technology <i>formerly</i> the Institution of Electrical Engineers
SenMIEEE(USA)	Senior Member of the Institute of Electrical and Electronic Engineers
FCI Arb	Fellow of the Chartered Institute of Arbitrators - Registered Arbitrator no. 6065
FICA(India)	Fellow of the Indian Council of Arbitration
EurIng	Europa Ingénieur Registration No 01874 GB
CEng	Chartered Engineer <i>Now retired from these Institutions</i>
CompanionICE	Companion of the Institution of Civil Engineers
MInstMC	Member of the Institute of Measurement and Control (formerly the Society of Instrument Technology)
MINucE	Member of the Institution of Nuclear Engineers
MCIWEM	Member of the Chartered Institution of Water and Environmental Management (formerly the Institution of Water Engineers)
FConsE	Fellow of the Association of Consulting Engineers Member of the Swiss Arbitration Association Member of the Society of Construction Law Member of the Society of Construction Arbitrators Member of the Academy of Experts Member of the Expert Witness Institute

Some time Arbitrator on Lists of:

Chartered Institute of Arbitrators
Institution of Civil Engineers
Institution of Mechanical Engineers
Institution of Electrical Engineers
Institution of Chemical Engineers
World Intellectual Property Organisation
London Court of International Arbitration
European Court of Arbitration
China International Economic and Trade
Arbitration Commission
ICDR (AAA International List)

Fédération International des Ingénieurs
Conseils (FIDIC List for ICC)
Kuala Lumpur Regional Centre for
Arbitration
Hong Kong Arbitration Centre
Singapore International Arbitration Centre
Indian Council of Arbitration
Cour D'Arbitrage de l'Europe du Nord
Mauritius Chamber of Commerce
FIDIC Accredited Adjudicator
NMA Accredited Mediator

Classes of Disputes:

Geoffrey Hartwell has acted (in UK and internationally) as an arbitrator and adjudicator, as an expert mediator and conciliator, as an expert investigator and assessor for arbitral tribunals and also as a Special Referee in the High Court of Justice of the Isle of Man.

As an Expert witness and technical advisor to legal teams, he has experience of both civil and criminal cases and has been called to assist Courts on technical issues by both Prosecution and Defence as well as acting as Single Joint Expert under Rule 35.7 CPR (England and Wales)..

He advises technically upon a variety of contractual matters (at the contract stage and also when problems and differences have arisen)*.

Subjects have included:

Power Stations - *Construction, Boilers and Machinery, Performance Evaluation and Costing, Computer Control Systems, Welding, Lagging.*

Water and Sewage Treatment - *Chemistry, Performance, Construction*

Waste Disposal

Pharmaceutical Chemical Manufacture

Automated Mechanical handling

Drawings and Designs, *Copyright; Patent Validity and Licensing Agreements*

Maritime Installations

Computer Systems and Equipment,
Ship's Electrical Systems

Corrosion of Packaging Machinery

Construction of Swimming Pools

Railway Equipment and Rolling Stock

Process Plant

Electrical Accidents, *Fires, Death by Electric Shock*

Delays and Disruption in Construction

Contracts

International Sub-Contracting & Contracting

International Experience:

Geoffrey Hartwell has experience of the following jurisdictions:

Bahrain, Czech Republic, England and Wales, France, Hong Kong, India, Irish Republic, Isle of Man, Korea, Malaysia, Nigeria, Northern Ireland, Qatar, Scotland, S.Korea, Singapore, Switzerland

Career History:	
1952-56	British Tanker Company Ltd. Seagoing Engineer Officer. Steam, diesel and electrically driven machinery.
1956-58	Sperry Gyroscope Co. Ltd. Research and Development assistant. Precision instrumentation, environmental testing
1958-61	Louis Newmark Ltd. Research and Development engineer. Precision instruments, aircraft stabilisers and autopilot design. airborne systems and flight trials
1961-64	Atomic Power Constructions Ltd. Design engineer. Nuclear reactor instrumentation, controls and safety.
1964-67	Locke Electronics Limited Managing Director. Instrumentation, telemetry and control for water, gas and sewage industries. Medical & Domestic electronics
1967-68	Central Electricity Generating Board. Senior Engineer, Nuclear Plant Design Branch. Nuclear fuel handling machinery, reactor control and safety, ICA
1968-69	Atomic Power Constructions Limited. Deputy Chief Systems Engineer. Design and operational studies for high temperature, gas cooled nuclear power plant. Preliminary studies for oil-fired power plant
1969-2006	BHA Cromwell House. (Formerly Beresford Hartwell and Associates) Principal (later Senior Partner) Power generation, supply and distribution. Water and wastewater treatment and handling. Solid waste handling. Process Engineering. Moving bridges, marine engineering, maritime installations. Machinery design; ICA. (Instrumentation, Control and Automation), Communications systems. Technical and contractual advice; Arbitration, Adjudication, Mediation, Expertise and Conciliation. Occasional lecturer and course director of courses on Arbitration and on the role of experts in the legal system.
also	University of Glamorgan - Law School - External Professor of Arbitration Law Part-time lecturer, LIM in Commercial Dispute Resolution Philosophy and Ethics of Dispute Resolution; Arbitration Law; Arbitration Practice Brunel University Law School - Visiting Professor
2006-present	Arbitrator, Adjudicator, Determinative Expert in Private Practice Technical and Contractual Advice; Forensic Engineering
2012-present	University of South Wales – Visiting Professor of Arbitration Law, Dept. of Advanced Technology

Disclaimer:

Geoffrey Hartwell practises as an Expert Engineer, Arbitrator, Mediator, Conciliator, Adjudicator, Investigator and Advisor on technical matters which have legal implications and on commercial contractual practice. He does not practise law and does not hold himself out to be qualified to practise law.

Publications:

Improvements in, or relating to, Nuclear Reactor Power Stations Patents 1,243,372; 1,284,871; 41692/68; 41693/68

Specification, Design and Execution of a Computer-based Central Control System IEE Conference 1978

Variable Speed Pump Drives for Sewer Outfall Pumping Stations IMechE Conference 1981

Arbitration in Mechanical & Electrical Engineering. IEE Proceedings, Vol.134, Pt.A, No.4, April 1987

Commercial Arbitration and the Engineer. IEE Review, January 1988

Various articles in Arbitration (Journal of CI Arb)

Construction Disputes: Avoidance and Resolution (co- author) Whittles Publishing (November 1997)

The Commercial Way to Justice (proceedings of the International Conference of the Chartered Institute of Arbitrators in Boston, 1996) (ed) Kluwer (Autumn 1997)

Arbitration: The Commercial Way to Justice? Boston University International Law Journal Vol. 15 No 1 Spring 1997: 179-183

Arbitration and the Sovereign Power. Journal of International Arbitration 17(2): 11-18 2000

International Arbitration and International Commercial Law: Synergy Convergence and Evolution. Liber Amicorum Eric Bergsten. Editors: S. Kroll, L. A. Mistelis, P. Perales Viscasillas & V. Rogers. Chapter 12 - *The Commercial Way to Justice.* pp 231 - 249. ©2011 Kluwer Law International. ISBN 978-90-411-3522-3.

Chapter in *The Danubia Files: Award Writing Lessons from the Vis Moot*, ed. Louise Barrington, Napoleao Casado Filho, Claudio Finkelstein, Outskirts Press, 2012, pp. 237-254