

First Class Certificate of Competency

**Member of Institute of Marine Engineering,
Science & Technology (MIMarEST)**

Post-graduate Certificate in Management

Chartered Engineer (Engineering Council)

**15 years sea-going experience as an engineer
officer onboard bulk carriers and dry cargo
vessels, serving in all ranks up to and
including Chief Engineer. This includes a two
year period supervising new buildings**

**10 years experience as a Surveyor with Lloyds'
Register**

**9 years experience as a Senior Consultant with
LR Marine Consultancy Services**



PROFILE

Hassan is a confident engineering consultant, with wide experience and a proven technical track record, including posts as a ship inspector and engineering systems senior surveyor. His experience includes:

Chief Engineer on ocean-going vessels;

Supervision engineer managing new ship construction in Far East;

Senior specialist carrying out ship condition assessment surveys;

Classification surveyor carrying out hull and machinery condition assessment surveys and client quality and standard verification;

Plan approval surveyor approving machinery and piping plans for different types of ships;

Senior engineering consultant advising the clients on plan approval, new construction and ship GAP analysis issues;

Senior specialist on ship maintenance strategy and systems and on ship energy efficiency evaluation;

QA officer for LR technical department.

EMPLOYMENT HISTORY

2010 to date	Cwaves Limited Consultant
2001 – 2010	LR Marine Consultancy Services Senior Specialist
1991 – 2001	Lloyds' Register of Shipping Senior Surveyor
1975 – 1991	Iran Shipping Lines (IRISL) Seagoing Marine Engineer Cadet to Chief Engineer

PROFESSIONAL EXPERIENCE

- ❖ **Ship Operations** – Extensive experience in all aspects of marine machinery. Advice on best practice for the operation and maintenance of shipboard equipment and machinery.
- ❖ **Repairs and Drydocking** – Extensive experience supervising dry-dockings and ship repairs, including compiling repair specifications.
- ❖ **New Building** – Attendance at building yards as Owner's Representative to ensure suitable safety and building standards implemented.
- ❖ **Ship Inspections** – Undertaken numerous surveys of shipboard machinery and hull on a wide variety of vessel types.
- ❖ **Ship Maintenance** – Development of maintenance optimisation tools and systems to deliver cost effective and reliable maintenance for owners.
- ❖ **Classification Society Rules** – Full knowledge of their requirements and application.
- ❖ **Plan approval** – Ship piping and machinery plan approval surveyor from classification aspects.
- ❖ **Energy Efficiency** – Ship energy efficiency and management consultant to ship owners/operators.
- ❖ **Ship Conversion** – Experience as Consultant to ship owners and operators for vessel conversions from the perspective of Flag State and Classification, including the GAP analysis of the actions to be taken.