

Imes Ltd is an international engineering company providing engineering services and systems which enable our customers to maintain the capability and availability of cranes, lifting equipment and specialised structures. Key industries in which Imes operate include oil & gas, renewables, marine and defence.

Naval Architect

We currently have a requirement for Naval Architect able to facilitate the design, construction and repair of ships, boats, other marine vessels and offshore structures, both civil and military. The role will manage the vessel stability, structural integrity of the vessel and safe lifting operations in accordance with statutory standards in a safe and cost effective manner.

Key Tasks:

- Calculate and give advice in calculating vessel motions/stability/strength/lifting analysis.
- Carry out stability calculations for project teams, maintenance of the vessel stability software and documentation through the preparation of stability submissions, software models, inclining experiments, displacement checks, etc
- Carry out calculations to ensure that dock block loading will not compromise the structural integrity of the vessel.
- Carry out structural failure surveys and prepare repair procedures
- Undertake structural design calculations to class requirements in support of vessel upgrades and modifications
- Review and approve structural design calculations and proposals for temporary equipment installations and seafastenings
- Review and approve deck strength calculations
- Perform lift analysis calculations for subsea and heavy lift operations
- Review and approve lift analysis calculations packages
- Liaise with project teams, vessel superintendents, ship personnel and others to provide advice and guidance on proposed modifications and repairs to company vessels
- Focal point for technical advice

Experience:

Would suit candidate educated to degree level Naval Architecture and Offshore Engineering or similar discipline, and will preferably be a member of the Royal Institution of Naval Architects. The ideal candidate will have previous engineering experience in a similar role within the Oil, Gas, Marine or Defence sector, and have skills in Marine/Ocean Engineering & Naval Architecture; Mechanics & Structures; Mooring & Riser System Design & Site Surveys. Candidate must be able to demonstrate sound knowledge of relevant industry codes and standards, working knowledge of ABAQUS or similar analysis package desirable.

To apply, please send your CV to: careers@imes-group.com. Whilst every effort is made to provide feedback on applications, if you have not received a response by Friday 7th November 2008, unfortunately your application will not be taken forward. We thank you in advance for your interest in Imes Ltd.