

JOB DESCRIPTION

Job Title	Senior Marine Engineer
Location:	UK
Reports to:	Director of Design & Engineering
Overview of Role: <p>To provide and apply technical expertise in marine engineering to influence the design, construction and conversion of a variety of vessels in the marine, offshore, defence and renewable sectors.</p> <p>Houlder Ltd is certificated to the ISO 9001:2000 standard for quality assurance and all work is to be undertaken in accordance with Houlder's Business Management System (Quality Manual).</p>	
Key Responsibilities and duties: <p>Your responsibilities will include the following as directed:</p> <ul style="list-style-type: none">• Provide expertise in our marine engineering consultancy capability• Liaise with clients and interpret their requirements and needs• Bid preparation and project tendering and liaising with the marketing and business development teams as required• Manage marine consultancy projects• Travel and on-site attendance for marine surveys in the UK or overseas• Monitor developments in marine equipment and technology• Preparation of equipment or system layouts by means of drawing and schematics e.g. ship systems or engine room layouts• Undertake Plan review of specifications, drawings, diagrams and other technical submissions in accordance with the established procedures• Stay abreast of relevant legislation that could affect vessels under design, construction or conversion• Monitor and co-ordinate ship repairs, refits, conversions and new builds to ensure that the work follows the approved drawings and specifications and complies with acceptable marine standards• Liaise with other members of staff to ensure that the work is carried out in an effective and co-ordinated manner• Develop and agree procedures and schedules for the inspection, testing and maintenance of machinery and systems• Mentor and develop staff with less experience in marine engineering through informal channels.	
Experience: <p><u>Essential</u></p> <ul style="list-style-type: none">• Around 15 years of demonstrable experience in the marine shipping industry• Demonstrable experience in playing a primary role in a marine design or advisory environment and an ability to allocate decision making and other responsibilities to the appropriate person, inside or outside a project team.• Proven success with project management of significant contracts\projects• Experience of shipyard practices• Experience in interpreting and applying Classification Society, IMO and other rules and standards. <p><u>Desirable</u></p> <ul style="list-style-type: none">• Demonstrable experience in undertaking ship surveys• Demonstrable experience in newbuild or conversion supervision.	

Qualifications & Accreditations:

Essential:

Qualification in Marine Engineering either in the form of a Marine Engineering Degree, HND or equivalent

Or

Merchant Navy Engineer Certificate of Competency, Unlimited or equivalent qualification and sea going experience. Understanding of Classification requirements and statutory regulations of IMO, SOLAS etc.

Desirable:

Chartered Engineer or proven experience as Engineer at sea.

Up to date experience in health and safety legislation as far as it affects ship construction and operation.

Competencies for this role will include the following:

- Regulatory knowledge: Thorough knowledge of Classification Society, IMO and other rules and regulations applying to ships
- Industry development: Up to date with industry developments, statutory regulations and codes of practice
- Document proficiency: Experienced and comfortable with producing technical documentation in line with Houlder's Quality procedures, as well as reviewing documentation produced by other individuals or companies
- Time management: Able to plan workload and meet rigid deadlines
- Design skills: Able to think and conceptualise in three dimensions
- Planning & Organising: Ability to establish efficiently an appropriate course of action for self and/or others to accomplish a goal
- Communication: Able to express facts, ideas or feedback in a clear and concise manner
- Business development: Able to grow and develop business opportunities from previous business clients and network contacts for Houlder Ltd
- Flexibility. An ability and willingness to take on tasks slightly outside your immediate field of experience
- Proficient in use of Microsoft Office applications.

February 2022