

Title: Senior Engineer

Position type: Full time employee

Objectives:

Responsibilities for the position of Senior Engineer (SE) are to perform design, engineering, and project management tasks of both internal and commercial projects. The SE will report to the Kalmarine CTO. The SE will work in conjunction with the other members in the organization on the development and execution of projects.

The SE shall provide expertise in any or all of the following engineering disciplines; Marine Engineering, Marine Electrical Engineering, Marine Systems Engineering, Automation & Process Control, HVAC, Naval Architecture. The SE shall support all stages of the design process for various types of ships and all levels of construction and refurbishment.

Responsibilities Include:

- Site surveys
 - Survey for purposes of quoting
 - Survey for the purpose of verifying “as-built” condition
 - Inspections onsite to ensure quality adherence/assurance of work completed and timely production.
 - Assist in the development of quotes and budgets for commercial opportunities
- Lead Projects varying in scope, from concept development through detailed design
- Act as the lead designer on Projects
 - Generate design reports that provide status updates to project management.
 - Generate drawings, reports, specifications, and calculations are required by the contracted scope of work
- Oversee design deliverables are delivered according to contracted scope of work
 - Review and comment on drawings and specifications presented by internal and external architects, engineers, and designers, considering functionality, operational needs and budget.
 - Ensure timeliness of delivery
 - Ensure all selected designs and specifications comply with the safety and environmental regulations established by the company and appropriate regulatory authority.
- Communicate with Regulatory Authorities.
- Maintain a current knowledge of marine industry equipment usage, design trends, design standards and rules.

Requirements: "Preferred Qualifications"

- A bachelor's degree in one of the following engineering disciplines: Marine Engineering, Marine Electrical Engineering, Marine Systems Engineering, HVAC, Naval Architecture.
- Strong competence in drafting and report writing.
- Ten (10) years of industry or technically related work experience from Ship Owner, Shipyard, Class Society, Machinery Supplier, or Consultancy.
- Proficiency to work in a team environment with rapidly changing priorities and perform multiple tasks with critical concurrent deadlines
- Excellent written and verbal communication skills in English
- Self-motivated in anticipating, identifying, and actioning mitigation measures for potential issues and problems
- Ability to work within a multi-disciplinary team
- Demonstrated high level of accountability, integrity and ethics in the performance of assigned tasks
- proficiency in computer use, including the following software programs preferred:
 - MS Office Suite
 - Adobe Acrobat
 - Adobe Creative Design Suite
 - AutoCAD
 - Rhinoceros, Autodesk Inventor or 3ds Max
 - NAPA
 - Classification software – depending on Class society
 - STAR-CCM+
 - MSC Nastran/Patran
 - MSC Adams
 - Autodesk Inventor Ultimate
 - WAVELOAD-FD
 - NavCad
- Travel as required to support field, client or supplier (30% or more travel days per year)
- Ability to work in shipyard conditions and construction sites
- Ability to travel for extended periods for construction and refurbishment projects exceeding 30-60 days
- Currently holds legal residency in the US (citizen, green card, or permanent visa holder)