

Title: Junior Engineer

Position type: Full time employee

Objectives:

The primary responsibility of the Junior Engineer (JE) is to perform design, engineering and project management tasks for various projects. The JE will report to an appointed Senior Engineer (SE). The Junior Engineer will work in conjunction with the other members in the organization on the development and execution of projects.

The JE shall provide expertise in any or all of the following engineering disciplines; marine engineering, marine electrical engineering, marine systems engineering, HVAC engineering, and naval architecture. The JE 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 the purpose of verifying “as-built” condition if the project
 - Perform onsite inspections to ensure quality adherence/assurance of work completed and timely production.
- Act in the capacity of design support on Projects
 - Generate design reports that provide status updates to project management.
 - Generate drawings, reports, specifications, and calculations as required by the contracted scope of work
- 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 engineering, naval architecture.
- Three (3) 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 taking action on 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:
 - MS Office Suite
 - Adobe Acrobat
 - AutoCAD
 - Rhinoceros, Autodesk Inventor or 3ds Max
 - Microsoft Office (Word, Excel, PowerPoint)
 - Adobe Creative Design Suite
 - NAPA
 - Classification software – depending on Class society
 - STAR-CCM+
 - MSC Nastran/Patran
 - MSC Adams
 - Autodesk Inventor Ultimate
 - STAR-CCM+, WAVELOAD-FD
 - STAR-CCM+, 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)