



JOB DESCRIPTION

Project Engineer

Revised October 2023

POSITION SUMMARY:

The Project Engineer is the lead engineer for specific projects. Working closely with stakeholders across all facades of a project, this position strives to balance the competing technical requirements to help ensure the design meets the customer needs while supporting production, schedule, and budget constraints.

ESSENTIAL JOB FUNCTIONS:

- Work closely with all engineering disciplines to balance the needs, expectations, and limitations of each as they pertain to marine system design for individual projects.
- Reviews project specific engineering deliverables including all drawings, component specifications, Bills of Materials (BOM's), and change orders for compliance with engineering principles, company standards, customer contract requirements, and related specifications.
- Conducts or assists with planning of cross functional reviews to insure functionality, manufacturability, and serviceability of all mechanical and electrical systems.
- Monitor the design and building process, including testing, dock/sea trials, and commissioning of the vessel.
- Assess and advise regarding engineering resources needed to meet Project Schedule requirements on a weekly basis.
- Smoothly integrates Class and Flag requirements along with local surveyor and international authority procedures, as required. Tracks and expedites all communications and clarifications.
- Coordinates and manages the writing and execution of the Commissioning Process prior to yacht delivery.
- Interact with outside team members and subcontractors to ensure integration and information flow throughout the design process.
- Act as the project design advocate, holding ultimate responsibility for the overall balance of the design and competing requirements.
- Act as the design authority through production, helping to ensure requirements compliance (contractual, class, flag, etc.) and validation.
- Detail oriented and proficient with follow up methods and techniques.
- Anticipates and foresees problems and acts proactively and focused to make deliberate choices.



POSITION IN ORGANIZATION:

This position reports directly to the Vice President of Engineering. This position has no direct reports.

DECISION MAKING:

Exercise administrative judgment on a regular and continuous basis and assume responsibility for decisions, consequences, and results having an impact on people and quality of service within the functional area.

COMMUNICATION:

Strong communication skills, both verbal and written, are important as the position must communicate positively and effectively with co-workers at all levels of the organization, contracted engineering partners, suppliers, and vendors.

EDUCATION:

A Bachelor of Science degree in Engineering is required. Equivalent experience and/or training may be considered.

EXPERIENCE:

- Minimum of 5 years' experience in a marine engineering design and construction environment is preferred, with project engineering experience.
- Clear understanding of the multidisciplinary nature of ship design and construction, and experience dealing with the competing nature of design requirements.
- Experience in motor yacht design requirements, shipyard new construction projects in aluminum or steel, and repair/refit projects.
- Desired software experience includes 2D and 3D CAD, full MS Office suite, Rhino, and other engineering design/analysis software beneficial.

PHYSICAL REQUIREMENTS:

Generally working in an office environment and at a desk with occasional light lifting required. Frequent visits to both the joiner facility and the shipyard are also required along with the ability to ascend/descend staircases while observing designs onboard projects.

GENERAL STATEMENT:

This description is a general statement of required major duties and responsibilities performed on a regular and continuous basis. It does not exclude other duties as assigned.