



## **Job Title: Project Engineer**

**Position Summary:** We are looking for an experienced Project Engineer to become a part of Engineering's Management team. The Project Engineer will report directly to the Vice President of Engineering. He or she will be expected to lead the engineering and design of multiple vessels, varying in length from 20' to 150'. They will manage a diverse team of multi-discipline engineers and designers all the while coaching, mentoring, and developing junior team members into becoming subject matter experts or future leadership within Metal Shark.

### **Qualifications/Experience:**

- Bachelor's Degree in Engineering
- A Minimum of 7 years in the marine industry, specifically in the design and/or production of vessels under 150'.
  - Working knowledge of designing for production
  - At least 5 years of Project Engineering or Project Management experience
- An understanding of all aspects of aluminum vessel design and construction:
  - Structures
  - Electrical Systems
  - Mechanical Systems
  - Aluminum fabrication
  - Familiarity with Classification Society rules (ABS, DNV, USCG, etc.)
  - Manufacturing and Production
- Familiarity with the following software
  - AutoCAD
  - Microsoft Office (Word, Excel, Project, Outlook)
  - Rhino
  - Solidworks
  - ShipConstructor

### **Responsibilities:**

- **Planning**
  - Coordinate the development of resource loaded schedules and work plans for assigned engineering projects.
  - With the engineering planner, ensure that all project tasks are properly resourced and sequenced, that the flow of work allows for the individual resource to complete his or her task in an efficient manner.
  - Assist technical managers to ensure and drive available resources to complete Engineering deliverables on schedule to support Production, Supply Chain, and first time quality.
  - Identify, track and manage risk throughout various projects.
- **Budgeting**
  - Develop and manage budgets for multiple simultaneous design projects utilizing standard estimating tools and the Earned Value Management System.



- Monitor all engineering costs closely, utilizing Cost Performance data to adjust schedule hours, resources, and priorities as necessary.
- **Design Management**
  - Participate in or coordinate Project Kickoff Meetings, follow-up meetings and all project specific collaboration with the design team, program management team, the production team, and organizational leadership.
  - With the technical managers, lead the efforts of the assigned design team through the course of vessel design and ensure design related issues are addressed promptly and designs are completed on time.
  - Ensure design compliance with contract language and specifications, classification society rules, and regulations and standards prescribed by the organization.
  - Provide release approval of design drawings.
  - Be cognizant of and pursue areas of incomplete work or discrepancies.
- **Support to Supply Chain**
  - Identify and drive the procurement of all long lead time material, ensuring the engineering schedule supports the design, quoting and ordering of said material.
  - Ensure accurate and timely turnover of BOM data to Supply Chain.
- **Support to Production**
  - Provide support throughout vessel production to ensure effective and timely resolution of issues.
  - Coordinate engineering support for trials, testing, and any close-out or delivery activities associated with a project.
- **Continuous Process Improvement**
  - Identify areas for process improvement and lead efforts to implement new processes and procedures.
  - Develop continuous process improvement initiatives within the design, production support, and project engineering efforts.
  - Work as part of the leadership team to grow and shape the organization.

**About Us:** Metal Shark is a leading boatbuilder specializing in the design and production of boats and ships for military, law enforcement, fire rescue, and a wide spectrum of commercial applications. At its facilities in Franklin and Jeanerette, Louisiana, Metal Shark manufactures aluminum, steel, and fiberglass vessels, with current capabilities supporting production for vessels up to 250' in length.

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_