



Job Title: Designer / Drafter (multi discipline)

Department: Engineering

Reports to: Engineering Manager

Company Overview:

Inov8v Marine Group is a multi-discipline innovator of propulsion, vessel stabilization, sonar, and underwater video technology for pleasure and commercial fishing craft. Valued by owners and captains around the world, Inov8v formed in 2022 through the consolidation of ABT-TRAC propulsion, stabilization and hydraulic systems; SmartCatch underwater video imaging systems; and WESMAR propulsion, stabilization and sonar systems.

Due to growth and expansion into our new facility in Arlington, WA we are seeking qualified candidates for the position of a Designer / Drafter.

Position Overview:

This position will be responsible for working closely with Mechanical and Electrical Engineers to create 3D models and 2D drawings and schematics. Update legacy drawings and assist in the design and development of new products.

Responsibilities:

- Use CAD software to create detailed mechanical and electrical drawings, procedures and data sheets.
- Coordinates the collection of data and incorporates such information into drawings, and schematics.
- Review / redraw drawings for completeness and accuracy
- Maintain revision control of drawings and update BOMs
- Creates drawings and models from verbal and written specifications that are obtained from an engineer, developing 3D models by analyzing 2D drawings and prototypes.
- Coordinates with other professionals to understand design concepts and establish requirements.
- Provide timely technical assistance and solutions to the design team and participates in project conference calls and meetings as required.
- Prepare engineering documents for customer submittal.
- Development of legacy and new product design
- Assist with Testing/Qualification

Qualifications:

- Associates Degree in an Engineering discipline
- *Or* Equivalent combination of education and experience
- Ability to read, analyze, and interpret business periodicals, professional journals, technical procedure or governmental regulations
- Proficiency in writing reports, business correspondence and manuals
- Aptitude to utilize creative and forward-thinking skills



- Understand mathematical concepts such as probability and statistics; fundamentals of plane and solid geometry and trigonometry; apply concepts such as fractions, percentages, ratios and proportions to practical situations
- Experience in solving problems and ability to deal with a variety of concrete variables in situations where only limited standardization exists
- Analyzes situations to anticipate/identify potential problems, collects relevant information, evaluates options and recommends appropriate actions
- Meticulous, detailed, proactive, and self-motivated
- Ability to work with general instructions

Computer/Technology Experience:

- Proficiency with Microsoft Word, Excel and Outlook
- Solid Works
- OrCAD (or similar)

Certificates/Licenses:

- ADDA or equivalent would be a plus

Work Environment:

- Varied environment including a standard office environment with desktop business equipment and frequent telephone calls
- Noise level is moderate
- Employee is regularly required to sit for long period of time and move to various locations
- Frequent communication may be required

Physical Demands:

- Capable of lifting and/or moving objects up to 25 pounds
- Frequently reach with hands and fingers
- Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions

Compensation:

- Depends on Experience

Benefits:

- Medical / Dental / Vision / Life
- 401K
- Optional additional life insurance
- Paid Holidays / Vacation
- Employee Recognition Programs

Please submit your resume through email to HR@inov8vmarine.com.