

Job Description: Electronic Technician
Reports to: Engineering Management
of Reports: 0

Overview:

Blue Sea Systems and its affiliated company, Terra Power Systems, design and manufacture electrical system components for boats, vehicles and renewable energy applications, worldwide. The engineering teams create devices for electrical distribution, protection, measurement, control, and safety enhancement in DC and AC applications. The Electronic Technician performs a wide variety of technical and organizational tasks to assist the engineers in their work.

General Duties:

1. Programming – new products and modifying existing code
2. PCB design and PCBA prototype building
Testing of the Company's products and those of competitors
3. Document Management - Specifications, DVP&R, BOM, ECO's, Work Instructions, Installation Instructions
4. Documentation of testing and referenced standards
5. Design and build test and production assembly tools and fixtures
6. Creation and management of Process work instructions
7. Development of Installation Instructions

Education and Knowledge Required or Desired:

1. Completion of a formal technical program and 2+ years of experience, or equivalent.
2. Knowledge of electrical fundamentals
3. Knowledge of marine electrical systems and components is a plus.
4. Knowledge of mechanical fundamentals and CAD programs a plus.

Skills Required:

Specific:

1. Experience in embedded software – C and Assembly
2. Experience creating supporting hardware circuits for Micro Controllers
3. Experience with communications protocols – RS485, SPI, I2C
4. Experience with PCB layout (Altium experience is a plus)
5. Experience with PCB rework
6. Advanced skills with test equipment – Oscilloscopes, signal generators, Labview, DAQ Systems

General:

1. High level of general computer proficiency
2. Excellent communication skills – must interact successfully with engineers, non-technical personnel, and with customers.
3. Demonstrated initiative in solving challenging problems.

Benefits

Blue Sea Systems offers a compensation package that includes profit sharing, medical, vision and dental insurance, 401K program with company matching, paid vacation, holidays and personal days; and an exciting & collaborative working environment in a rapidly growing company.

Salary Range

Open - Initially dependent on experience, thereafter on performance

About Blue Sea Systems

Blue Sea Systems was founded in 1992 based on a commitment to create innovative high quality marine electrical products to improve the safety, simplicity, and reliability of boating. Blue Sea Systems employees are active boaters who apply their passion to designing, developing, and building products that enhance the experience of boaters. For specific product information and to learn more about Blue Sea Systems, visit www.blueseasystems.com.