Electromagnetic Compatibility (EMC) Lab Team Leader-190002Q

Description

As a leading worldwide provider of navigation devices and wearable technology, our focus is on developing, designing and supporting superior products. Our advanced technology promotes performance, safety and ease of use in every market we serve. That makes us an engineering and technology company with a keen focus on recruiting talent in those fields. But the same vertical integration business model that keeps all design and manufacturing processes in-house also gives us the incentive to hire top performers from different backgrounds, including operations, finance and accounting, information technology, sales, marketing and communications.

We’re looking for an Electromagnetic Compatibility (EMC) Lab Team Leader at our world headquarters in Olathe, KS. In this role you will establish, direct and coordinate activities of the EMC test lab and team responsible for product design testing and certification. You will also provide leadership and project planning to ensure testing is coordinated throughout the product development process, collaborating across global Garmin locations. In this role, your key essential functions will be:

- Train, support, and mentor associates to ensure a capable, competent and high-performance team
- Lead a team of engineers and/or technicians engaged in technical activities such as:
  - Ensuring the test facilities are staffed, equipped, available and operated safely
  - Effective scheduling, prioritization and efficiency of all testing tasks, including equipment calibration and preventive maintenance
  - Creation, review and modification of fixtures, processes and work instructions
  - Maintaining and preserving test records and test samples with a high level of integrity
- Identify, document and implement automated testing solutions, test report software, policies, best practices and process improvements as they relate to the quality and delivery of testing activities
- Provide leadership to the testing team and ensure appropriate tools and processes are in place to support a variety of test solutions
- Champion solutions to support evolving business needs and testing requirements by providing strategic plans with appropriate technical information and options for success
- Qualifications

Qualified candidates will possess the following education, experience and skills:
- Bachelor of Science in Electrical Engineering, Computer Engineering or another relevant field from a four-year college or university AND a minimum of 5 years relevant experience
- Outstanding academics (cumulative GPA greater than or equal to 3.0 as a general rule)
- Demonstrated ability maintaining lab accreditation to the ISO/IEC 17025 standard
- Experience with ESD, EMC, EMI testing, country certifications and homologations
- In-depth knowledge and ability to explain, document and implement regulatory and standards requirements (e.g. FCC Part 15/95, EN 61000-6-1, EN 61000-6-3, RSS-310/210/247, ETSI EN 300 328, EN 300 440, EN 301 489, EN 301 441, etc.)
- Thorough knowledge and experience with all aspects of EMC including emissions, immunity, power conditioning, ESD, EFT, surge, receiver blocking, adaptivity, etc
- Broad technical knowledge and skills in various areas of Electrical Engineering (e.g. analog, digital, RF, and wave propagation)
- Detailed knowledge and experience with test equipment and software automation tools for testing and report generation documentation, e.g. TILE, Nexio BAT, MSOffice, etc

Candidates with the following desirable qualifications are preferred:

- Previous experience implementing ISO/IEC 17025 in an EMC lab
- iNARTE certification in EMC
- Past participation on a standards-writing committee
- Previous work experience with circuit design for consumer or aviation products

Our benefits, designed to lead an evolving marketplace, support innovation and encourage a healthy balance between work and life, keep us competitive and allow our associates to make their own decisions about their well-being and future. We offer a choice of healthcare plans—with low or no premiums—which consistently rank in the 90th percentile when compared to other high-tech employers, plus dental and vision plans for you and your family. In addition, our financial benefits rate 82% above the median for technology companies comparable in size. Our 401K retirement plan provides 5% of pay base contribution plus a match of 75 cents for every dollar you contribute to a maximum of 10% of your compensation. The employee stock purchase plan allows for shares to be bought at a 15% discount.

Garmin International is an equal opportunity employer. Qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, citizenship, sex, sexual orientation, gender identity, veteran’s status, age or disability.