

Electrical Compliance Engineer

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- Objective

Responsible for overseeing electrical design and ensuring it meets compliance inclusive of intentional transmitters qualifications. Testing shall include electromagnetic compatibility and interference compliance testing on cutting edge wireless devices using antennas and spectrum analysis and time domain measurement equipment

- Minimum Qualification
 - Bachelor's Degree in Engineering Required with 3-5 years experience or master degree achieved
 - Course work or experience in:
 - Understand Electromagnetic design theory, including detailed theoretical knowledge in the technical areas of shielding, filtering, grounding, bonding, cabling, gasketing, waveguides, and printed circuit boards
 - Electronic controls including analog and digital circuit design,
 - Prototyping and qualifying design
 - Electronic analysis methodologies and associated instrumentation
 - Analyzing and interpreting technical procedures and government/agency regulations (UL, CSA, CE, FCC, etc...)
 - Understanding of National and International wireless standards including FCC licensed and unlicensed standards, ETSI wireless standards and APAC wireless standards
 - Organized, fast learner, team player, detail oriented, comfortable with troubleshooting
- Desired Skills
 - Familiar with semi-anechoic and fully-anechoic test chambers, open air test sites and immunity test sites
 - Ability to use test equipment such as EMI receivers, spectrum analyzers, signal generators, network analyzers, RF amplifiers, power meters, B.C.I clamps, CDNs and LISNs with various antennas
 - Become familiar with applicable company quality standards, company manuals and appropriate technical literature
 - Software Programming skills inclusive of C, C++, and python

For more information, contact Barbara Rumson

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