



Systems Test Technician - Radiometrics Corporation, Frederick, CO

What are we about?

Radiometrics Corporation has considerable experience delivering meteorological instrumentation and technologies to domestic and international customers. Our mission is to provide unique value to our customers by delivering industry leading weather sensing equipment, integrated operational systems and decision support information. Our goal is to be globally recognized for the innovative systems we bring to the weather industry and end user clients.

Job Description:

Radiometrics is looking for a motivated entry level Systems Test Technician to work in our manufacturing facility alongside our experienced professional staff. This position includes testing and troubleshooting of products which conform to engineering specifications with minimum variation, using good workmanship practices, according to documented testing procedures, drawings, schematics, sample parts and verbal instructions. This person selected for the position will have strong technical skills and training along with an attitude to learn and work within a team environment. The ideal candidate will advise management of potential process improvements, material inadequacies, and other factors which might impede work quality or throughput, along with the development of related test and troubleshooting documents and programs.

Responsibilities:

The responsibilities associated with the position include:

- Electrical testing, along with some prescribed mechanical testing, of various common and unique components and devices.
- Analog and digital electronic circuit troubleshooting, down to a component level, for component designs that are both surface-mount and through-hole packages.
- Generation and maintenance of test instructions and reports as required.
- Contributing to an environment of on-going improvement while maintaining a positive employee relationship.
- Develop and document test processes that comply with the quality and validation program objectives and that are robust against failure.
- Ensure that all test documents are developed and maintained in a manner consistent with document management and control practices, is easily understood by all personnel that work with/support this position and provides the best possible representation of the information.
- Work in coordination with manufacturing, engineering and R&D personnel.

**Requirements:**

- Training and knowledge of the fundamentals of systematic problem solving, electro-mechanical assembly, component function and analysis, drawing/schematic interpretation, documentation standards and good manufacturing practices.
- Ability to change from one process and task, to another, in such a manner that the product quality and manufacturing sequence are not compromised.
- Familiar with measurement and evaluation devices such as, but not limited to, caliper/micrometer, digital volt/ohm meter, microscope, oscilloscope, power meter, signal generator and current probe.
- Proficient with small hand tools such as, but not limited to, screwdrivers, wrenches, pliers, cutters, soldering stations, torque drivers, taps, files, punches and terminal crimpers.
- Able to lift 85 lbs. (38.5 kg.) from the floor to bench height (34 in./86 cm.). Must have good manual dexterity. Must be able to differentiate subtle differences in color and size. Must be capable of climbing a ladder.
- Proficient in LabVIEW, Microsoft Word, and Excel is preferred.
- Able to add, subtract, multiply, divide both with and without a calculator.
- Physically capable of working with, and around, liquid nitrogen, Loxel, epoxies and rosin-core solder.
- Excellent communication and presentation skills.
- Able to work with executive management, engineers and personnel performing functions within the scope of this position.
- Present an image of professionalism at all times (must have tact, diplomacy, patience, self-motivation, discipline and an ability to motivate and work with others).
- Ability to apply/use the proper management and engineering tools/references in accordance with the situation and to work directly from schematics, assembly drawings, and other documentation.
- Ability to fabricate and validate test fixtures and vector board circuits.

Education:

- Associates degree or equivalent in electronic technology preferred.
- No less than 320 hours (combined) of training in analog/digital circuit design/analysis, lab equipment (e.g. oscilloscopes, network analyzers, signal generators, multi-meters, variable power supplies, etc.) SPC (basics), and ISO standards.

Radiometrics Corporation offers a comprehensive benefits package which includes Medical, Dental, Vision, Life AD&D, Long Term Disability, HSA, and 401(k) with company matching and contributions, paid holidays, paid sick leave, and flexible time off.

Base pay is based on market location and may vary based on experience, skills, education, and other job-related reasons.

Job Type: Full-time



Pay: XXXX-XXXX annually

Radiometrics is an equal opportunity employer, and our success draws upon the diverse viewpoints, skills, and experiences of our employees. We are committed to equal employment opportunity regardless of race, color, ancestry, religion, sex, national origin, sexual orientation, age, marital status, disability, gender identity or veteran status.