

ELECTRONIC TECHNICIAN

SUMMARY

GAC is seeking an Electronic Technician. The Technician will conduct a variety of electronic, mechanical, and electromechanical tests on both standard and more complex electronic assemblies and subassemblies. Must have the ability to troubleshoot to the component level in complex electronic circuits. This position will also require working closely with Product Engineering and Quality testing, evaluating, diagnosing, and repairing prototypes and customer returns, and recording any relevant data and observations. Central person running and maintaining the Product Engineering lab.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

- Knowledgeable in reading schematics and identifying different electronic components and values.
- Strong troubleshooting abilities of electronic hardware. Test electronic assemblies using standard as well as more complex test equipment; custom products, prototypes, and customer returns working closely with Product Engineering and Quality. Publish test results as required.
- Ability to analyze and troubleshoot complex electronic circuits to the component level and make repairs when required.
- Execute building and testing of prototype assemblies, including thermal-chamber testing.
- Assist on the development of hardware installation procedures.
- Assist on the authoring of technical documentation (i.e., user manuals, application notes, release notes, repair / rework instructions, test procedures, etc.).
- Assist on the evaluation and selection of electronic hardware test tools.
- Familiarity using equipment required by electronic assemblies.
- Performs design verification and validation, as directed.
- Strong organizational skills. Strong attention to details.
- Coordinate and maintain all needs of the Product Engineering lab.
- Assist Operations on troubleshooting production equipment, assembling harnesses, etc.
- Strong interpersonal and communication skills; strong drive towards teamwork.
- Responsible for completing tasks on-time with minimal supervision. Status updates are required periodically and must be readily available when needed.

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION and/or EXPERIENCE

- Associate degree in Electronic Engineering or at least 4 years proven electronics testing and troubleshooting experience.
- Experienced using electronic test equipment such as oscilloscopes, multimeters, signal generators and frequency meters.
- Familiar with soldering both thru hole as well as surface mount components using either leaded or no lead processes.
- Comfortable with using standard manual and automated hand tools such as but not limited to screwdrivers, wrenches, and crimpers.
- PC experience with text editors, word processing, and spreadsheets.
- Experience designing PC board using Altium and Concord Pro highly desirable.

LANGUAGE SKILLS

Must be fluent in English.

PHYSICAL DEMANDS

While performing the duties of this job, the employee is frequently required to stand; walk; use hands to finger, handle, or feel; reach with hands and arms; and talk or hear. The employee is occasionally required to sit; climb or balance; and stoop, kneel, crouch, or crawl. The employee must frequently lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

WORK ENVIRONMENT

While performing the duties of this job, the employee is frequently exposed to moving mechanical parts. The employee is occasionally exposed to fumes or airborne particles and toxic or caustic chemicals. The noise level in the work environment is usually loud.

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.