

Electrical Technician Job Description

Job Title:	Electrical Technician	Position Type:	Full Time
Location:	San Diego County	Travel Required:	10% - 25%

Applications Accepted By:

Fax or E-mail:

(760) 741-7269 or careers@automationgt.com

Subject Line: Attention: [Careers RE: Electrical Technician Position]

About Automation GT

Automation GT is currently looking to hire Electrical Technicians to work at our headquarters in Carlsbad, CA.

Founded in 2002 in Southern California, Automation GT is an innovative company focused on the design and construction of custom automated machinery and systems. We employ professionals with a range of skills and qualifications, which allows us to approach every aspect of machine design, engineering, assembly, customer service, marketing, and sales on an in-house basis.

While at Automation GT, you will be able to put your skills towards the creation of machines that have real positive impact on the lives of many people. We have done extensive work in the design and manufacture of automation machinery for the biotechnology, life science, pharmaceutical, and medical device industries. However, we do not limit ourselves to any particular project type, and are interested in all applications of advanced automation technology.

At Automation GT, we hold three core values as the heart of our company culture:

We are committed to making decisions based on data and the scientific method.

We are committed to prioritizing customer satisfaction in all that we do, which often involves thinking ahead and anticipating what they will need.

We are committed to ensuring the job satisfaction of our employees and will work with you to ensure that you are finding plenty of opportunities to grow and find fulfillment.

We offer staff members a compelling package, which includes competitive base pay, superior benefits, an outstanding work environment, and opportunities for career development. Through these comprehensive offerings, every individual has the chance to achieve significant growth, both financially and professionally.

Job Description

Job Duties:

- Ability to read and redline electrical and pneumatic schematics
- Low voltage wiring and labeling experience
- Need to have own tools such as wire stripper, crimper, basic hand tools, voltmeter, etc.

Automation GT

- Electrical enclosures and panel building experience
- Experience of first article (prototype) panel and enclosure wiring
- Electrical troubleshooting and testing of sub-assemblies and final product
- Able to troubleshoot electrical circuits using a multi-meter
- Able to look at schematics and understand the circuitry and what's occurred
- Requires little to no guidance
- Provides guidance to assemblers
- Workload 5-7 machines at a time
- Basic math skills
- Ability to create layout sketches/drawings of where to place components
- Ability to work from verbal instructions (e.g. is given a box of components/parts and is communicated to as to what to do; is able to create a sketch from this as well).
- Knows how electrical components work
- Sauder experience (assembler)
- Attention to detail
- Ability to use power hand tools with no supervision
- Good communication skills; ability to find part #s and provide that information to purchasing when we are low on electrical parts in inventory/stock
- Good computer skills
- Ability to look up BOM and see if parts are in inventory
- Experience with automation machinery panel builders
- Quality inspection on final system assemblies. Verify accuracy versus documentation and continuity check of all electrical panels
- Assembles engineer's concept into reality
- Troubleshoots and debugs
- Electrical schematics redlines
- May need to complete design of custom automation equipment to customer's specifications using AutoCad. Duties include preparing complete machine designs, starting from a quoted concept, including customer approval layouts, assembly drawings, parts lists and detail drawings.
- May work with Sales Engineers to provide input with quote preparation
- Work alongside Senior Electrical Engineer's supporting the design, debug, validation and optimization of products
- Involve in projects from concept while gaining exposure to the complete design lifecycle
- Validate hardware and debug issues
- Adheres to Inventory & Floor Stock procedures

Minimum Work/Education Qualifications:

- 5+ years' experience as an electrical assembly technician

General Responsibilities:

- Adhere to Lockout Tagout procedures
- Assembly of machines within project schedules
- Reporting status to project manager on machine development, and escalating risks and issues
- Completes and submits bi-weekly timesheets (includes project time tracking)
- Comply with the company safety procedures. Set an example of company culture with integrity and professional competence.
- Must be able and willing to travel and work at customer sites

Skills/Qualifications:

- Practical lab experience
- Experience with embedded systems
- Experience with schematic design and debugging
- Proficiency in AutoCad
- Very strong analytical and troubleshooting skills of electrical systems
- Must be abreast with latest trends in electrical engineering.
- Aware of design tools and techniques.
- Proficient in standard and metric systems
- Mechanical knowledge is a plus
- Ability to read Solidworks mechanical drawings and do redlines
- High precision, close tolerance proficiency
- Familiarity with machine shop equipment (e.g. mill machine, drill press, lathe...) a plus
- Very strong analytical and troubleshooting skills of mechanical systems
- Aware of design tools and techniques.
- Proficient in standard and metric systems
- Proficiency in MS Office Suite (e.g. Excel, Word, Outlook) and general computer literacy
- Excellent written and oral communication skills
- Must be a self-starter, team player, work well with others and have a positive attitude
- Must have ability to prioritize, multi-task and meet deadlines
- Sharp, quick, dedicated and innovative problem solver
- Must be a creative thinker, results oriented, focused, and attentive to detail and accuracy
- Core values, exceptional work ethic and continuous self-improvement
- Must be organized, detail oriented, and able to think designs through completely