



## Technician

### **Summary of Job Duties:**

Candidate will, under minimal supervision, perform a variety of complex technical operations on the production and developmental equipment for the semiconductor and other related industries. Candidate will be required to troubleshoot complex electrical, software, and control systems on the production floor and at customer's facilities. Some travel will be required to customer's sites, primarily in North America.

### **Specific Job Duties:**

- Build complex electrical assemblies, including panel layout, cables, and wiring to schematics.
- Build complex mechanical assemblies, including drilling, tapping, and using common tools. Must be able to build to mechanical assembly drawings.
- Bring up machines during assembly and start-up including the I/O checkout and the troubleshooting of electrical, software, and control system problems.
- Perform precision alignments and calibrations of subsystems and systems
- Troubleshoot PLC, motion control, and I/O subsystems using PC based software, diagnostic tools, and measurement tools.
- Interface with Engineering to solve issues related to bill of materials, drawings, schematics, software, and control system.
- Perform final qualification test of subsystems and systems
- Travel to customer sites to install new equipment, and troubleshoot electrical, software and control issues with existing installed equipment.

### **Min. Qualifications Required:**

- Prototyping experience in a production work environment.
- 5+ years of experience working as an E/M technician.
- Solid electrical and mechanical troubleshooting ability.
- Ability to interpret electrical and mechanical CAD drawings and blueprints.
- Ability to work under pressure in a fast paced team environment.
- Ability to manage multiple concurrent projects, balancing workload and priorities and insure timely completion of projects.
- Candidate should have good interpersonal skills and work well in a team environment.
- Must have solid verbal and written communication skills. Must be willing and able to work overtime.

### **Skills and/or Training Desired:**

- AA degree in electronics, industrial, or mechanical is preferred.
- Experience writing or debugging PLC ladder logic.
- Military electrician technical training.