

## **Level 1 PCB Repair Technician**

### **Summary/Objective**

- Troubleshoot down to component level on products and printed circuit board assemblies using electronic knowledge, theory and applicable documentation
- Repairs PCB product to operating specification

### **Level 1 Repair Technician Job Duties**

- Perform complex circuit analysis, troubleshooting and repair of completed PCBs
- Replace and/or repair faulty components using solder techniques including but not limited to through-hole, surface mount, and high temperature soldering
- Tests products and sub-assemblies
- Ensures products conform to documentation
- Completes appropriate test paperwork and defect reports
- Configures software for test equipment and products to standards and specifications
- Builds sub-assemblies and final assemblies to standards and specifications
- Assembles products according to documentation
- Ensures correct parts are being used and the product is built to specifications
- Completes final quality control inspection
- Identify unacceptable parts
- Maintains a clean, organized and safe work environment
- Organizes work area so that another person is able to locate information easily
- Adheres to safety standards at all times
- Ensures that safe methods and practices are used
- Wears personal protective equipment when required
- If applicable, assists project management with design of custom product
- Reviews assembly drawing, wiring diagrams, schematics, and parts list to identify and inform project management of needed changes

### **Level 1 PCB Repair Technician Skills and Qualifications**

- 0 to 2 years experience of troubleshooting PCB and its components
- Able to perform through hole technology and surface mount technology soldering
- Able to read and interpret schematics/block diagrams with detailed understanding of computer and subassembly functionality

- Familiar with computer software and operating systems and possess the ability to identify and perform software updates (OS, BIOS, Drivers, Firmware)
- Ability to use electronic test equipment (oscilloscopes, multi-meters, power supplies, etc.)
- Knowledge of computer and electronic systems, with experience in printed circuit board (PCB) assembly process and techniques
- Able to work independently and as part of a team
- Basic English skills to understand quality, safety, work instructions, personnel information, etc

### **Required Education and Experience**

Associate degree in electronics or equivalent work experience

IGS provides Employee Benefits: Dental, Health and Voluntary Life Insurance, Vision, PTO, 401K

*IGS is an Affirmative Action/Equal Opportunity Employer and welcomes all qualified applicants. Applicants will receive fair and impartial consideration without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran or disability status, genetic information, age, or any other factor protected by law.*

For those who are interested, please email your resume to [jzhu@internash.com](mailto:jzhu@internash.com)