

Electronics Assembler

Company: Softronics Ltd

Location: Marion, IA

Citizenship Requirements: US

Position Description

The electronics assembler will perform assembly and wiring operations on components and sub-assemblies. This position may also assist in unit fabrication under general supervision.

Major Responsibilities (in addition to the above)

- Reads and interprets assembly drawings, schematics and wiring diagrams.
- Assembles various cables and harnesses of moderate complexity.
- Performs preparatory and intermediate wiring functions on chassis, components, and sub-assemblies.
- Conducts soldering operations, including wiring, surface mount (SMT) and through-hole soldering.
- Inspects electrical connections for continuity, insulation, and other key factors using multimeters, bridges, and test equipment.
- Identifies components using color codes and part markings.
- Repairs circuit boards, including solder touch-ups and epoxy sealing.
- Collaborates with engineers to troubleshoot and resolve assembly issues.
- Manages multiple priorities and tasks efficiently.
- Ensures compliance with safety and quality standards.

Required Knowledge, Skills, and Abilities

- High school diploma with a minimum of four years of relevant experience; Associate's degree in a related field with a minimum of two years of relevant experience preferred.
- Proficient in the following:
 - » Soldering wiring and printed circuit boards
 - » SMT circuit board rework and hand placement under microscope
 - » Soldering of SMT components under microscope
 - » Use of hand tools and tweezers for fine component handling
- Strong understanding of electronic assembly techniques and the ability to interpret technical documentation.
- Familiarity with Microsoft Office Suite (Word, Excel, Outlook).
- Experience with ERP systems is a plus.
- No allergies to chemicals such as cleaning solvents, etc.

Preferred Knowledge, Skills and Abilities

- IPC certification or equivalent in soldering and assembly.
- Ability to recognize types of electronic components.
- Experience working in a regulated manufacturing environment.
- Ability to adapt to changing project requirements and deadlines.

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