

**ELECTRONIC  
ASSEMBLER  
(Assembly I-III)****DUTIES****Label Creation Position**

Reviews instructions and/or diagrams and prints labels with the designation markings as required using a label-printing machine.

**Labeler**

Following a diagram or production drawing and/or samples, the employee will fasten alpha or numeric labels or color-coded identifiers on individual wires or components using hand-held heat guns or mechanically fastened with machine tools.

**Prep Assembly**

Employee will perform any or all of the following assignments depending on specific instructions given including cutting, trimming, stripping, taping or other tasks. Duties may include forming wire harnesses, tying wire with nylon tie wraps, or wrapping or feeding assemblies into flexible conduit or tubing as required.

**Heavy Assembly**

Assemble heavy electro-mechanical, harness, cable or wire assemblies or their sub-assemblies and components.

Duties are heavy in nature and will be required to wear such safety appliances as steel-toed shoes and back support belts.

**Crimping Positions**

Employee will prepare individual wires or cables using a mechanical crimping tool or by using hand held crimping pliers.

The employee will fasten terminal or components to assembly per diagram and/or work instructions, inspecting product for proper mounting or fastening.

**G-Press**

The G-Press operator places pins, sockets and terminal lugs on single wire or cable strands.

The wire or cable is inserted into pin, socket or lug and step on foot pedal of G-Press and the machine crimps end.

**Braiding Machine Operator**

Reviews work instructions for braid specifications. The employee must read prints and work instructions.

Performs machine setup using knowledge of spring tension, braid type and bobbin setup. Machine maintenance including cleaning and greasing.

Maintains inventory quantities and communicates reorder requirements. Braiding machine operators normally report to Encapsulation.

**Harness Boards**

The employee places wire and/or cable on the routing boards by following the written work instructions.

Torque marking is done on the harness board as well as placing any additional hardware at this time.

The harness board assembler inspects for wrong/damaged labels, lugs, nicked wires unseated or damaged pins etc and carries out any additional steps above.

**Eubanks Operator**

Personnel in this category will be required to prepare wires, cable and cable assemblies, tubing and sleeving for assembly by measuring, cutting, stripping, terminating and marking using such machine tools and equipment as needed such as wired prefeed, marker automatic cutter-stripper, tubing and sleeving cutter. Kingsley Hot Stamp Machine and Domino Inkjet. Plan and implement machinery set-ups or tooling according to the requirements of the job. Kit jobs in readiness for production. Clean and lubricates machinery daily/weekly per scheduled preventative maintenance routines.

**Encapsulation**

Personnel in this category will be required to perform any of the duties to encapsulation electrical or electronic components and assemblies.

Inspects encapsulation for defects and trims flashing from molded or cast parts using cutting tool or file. Applies primers, plastics, adhesives and other coatings to designated surfaces. Fills shells, caps cases and other cavities with plastic encapsulation fluid or dips parts in fluid to protect, coat and seal.

Cleans parts and tooling using various cleaning devices, solutions and abrasives. Read work instructions. follows production drawings or sample assemblies.

**Soldering Positions**

The employee is required to satisfactory pass Liberty Electronics' Solder certification.

Employee will prepare individual wires in preparation of soldering.

Using a heating device, hand held or bench mounted, employee will heat wire end and apply solder.

Other assignments may be required during the soldering process.

## EDUCATION

Assembly - High School Education OR Equivalent (G.E.D.) previous experience in electronic manufacturing and assembly is helpful. Liberty Electronics provides training necessary to perform most job functions.

## EXPERIENCE

Liberty Electronics provides training and on-the-job experience for the electronics assembly positions. Employees must possess the ability to work with self-direction, initiative, and self inspection with a high degree of accuracy. Personnel must successfully pass the LEI orientation/production-training class.

**Assembly I:** Previous experience in electronic manufacturing and assembly is helpful.

**Assembly II:** Requires 3 to 7 years experience in electronic assembly or similar field or work.

**Assembly III:** Requires 7 plus years experience or Associates Degree in an Electronic field of study. Please also refer to the additional Assembly III job description.

## PHYSICAL REQUIREMENTS

Duties are considered "light" for the electronic assembly positions. The Eubanks, Braiding Machine operator and Electronic Encapsulation are considered "medium". Please refer to Physical requirements chart. Assembly work at Cable Trays may be considered as "heavy".

## LEI PERKS: WHY DO YOU LIKE WORKING HERE



Profit Sharing & 401k



Multiple Schedules Available



Vacation with Carryover



Air-conditioned Work Environment  
*\*Facility Dependent\**



Excellent Family Healthcare



10 Paid Holidays



Paid Training/Certifications



Advancement Opportunities



Discounted Phone Plans



Discounted Health Insurance Premiums  
with Wellness Plan Participation

EDUCATION / EXPERIENCE / BENEFITS