



Precision Electrical Assembler

Job Overview: As a precision electrical assembler on Space Vector's team, you will join a dynamic small company environment where you will take on many diverse assembly tasks, on programs that make a big difference to the United States and our allies. You will support multiple programs at any one time, multiplexing across products including advanced batteries, intelligent chargers, sounding rockets and target vehicles, rocket components like commanded switches, RF filters and amplifiers, and critical subsystems like flight termination systems. You will join a collaborative, supportive team who will help with mentoring and will peer-review your work products. You may join the team on their daily walk through the neighborhood, enjoy the patio or pinball, or work out in our gym.

Responsibilities and Duties:

- Responsible for soldering thru-hole and surface mount components, terminals and jumper wires to printed circuit boards.
- Build and install wire harnesses using crimp and solder cup connectors and lacing and spot tying wire harnesses.
- Must be able to solder components and wires to PWB under microscope.
- Light mechanical assembly, (i.e., install switches, indicator, meters, etc.) to panels and electro/mechanical assemblies prior to routing wires and soldering.
- Installing switches, jacks, meters, relays and wire into chassis.
- Using bonding and staking techniques, thermal wire strippers, and working tin wires and component leads using solder pot.

Qualifications:

- Must be able to solder under microscope and crimp electrical connectors using Mil-Std. crimping tools.
- Able to use various chemicals such as Alcohol, Epoxies, RTV Silicones and Conformal coating.
- Physical activities such as constant sitting, frequently walking around the facility and occasional lifting, carrying and push/pulling carts up to 20 lbs., kneeling and reaching.
- Must have a minimum of three years' experience in circuit board soldering and wire harnessing assembly
- Current solder certification in either MIL-STD-2000, J-STD-001, IPC-A-610 or NASA-STD-8739.3 is preferred.
- Must be able to understand and work from blue prints and schematics.
- Must read and speak English fluently.
- Must have acute vision (i.e., near vision, depth perception, color vision, field vision).
- Must be able to pass soldering demonstration and written tests and vision test.
- Must have thorough knowledge of basic hand tools; solder irons, wire strippers and crimping tools.
- Willing to work overtime and weekends as requested.
- Must be a US Person per our government contracts.