Title: Electrical Assembly Technician (experienced)

PI (Physik Instrumente) LP in Hopkinton MA has an immediate opening for a Precision Electrical Technician & Assembler for high precision automated motions systems.

Position Overview:
This is a full time position, Monday to Friday, 7:30 am - 3:30 pm shift. Responsibilities are focused on the interconnection of various electrical devices on panels, in electrical boxes and for wiring termination and cable track installation on automated motion systems. Our ideal candidate has 5+ years of experience with motion controllers, drive amplifiers and sensors in an automation or robotics environment.

Key Responsibilities:
- Electrical panel assembly and point to point wire routing
- Wire terminations of all types: single conductor, multi-conductor, shielded, unshielded, large gauge 12 AWG to fine gauge 36 AWG
- Cable harness assembly and connector terminations (solder and crimp)
- Routing and terminating wires in cable tracks for the assembly of automation/motion equipment
- Reading and understanding electrical schematics, BOM and assembly drawings
- Assembly, testing and inspection of electronics, power supplies and controls
- Light machining for fixtures and rework

Desired Experience:
- Proper use of multi-meters, wire strippers, and standard hand tools
- Proficient with hand crimp tools and making cables and/or harnesses.
- Familiar with standard D-subminiature connectors
- Familiar with machine and cabinet wiring
- Can work with wires from 10-36AWG
- ESD control and awareness.
- Soldering experience is a must. IPC J-STD-001 experience preferred
- Experience in wire harness construction. IPC-A-620 experience is preferred
- Interpret mechanical and electrical product documentation
- Ability to use standard office applications (Word, Excel, email)
- Follow 5S and lean manufacturing principles and practices in an ISO 9001 manufacturing environment

Key Requirements:
- 5 years of work experience with electrical assemblies and wire termination
- Candidates must be able to produce evidence of the permanent ability to live and work in the US as an employment contingency

Company Overview:
- PI is the world leader in high precision positioning systems. Our product lines include piezoelectric-based nanopositioners and a broad line of motorized motion equipment.
- The team at this work location focuses on Air Bearing Motion systems using high power direct drive motors and high resolution feedback systems. Our customers are the leading OEM's and researchers in high tech fields such as semiconductor, photonics, biomedical, aerospace, astronomy, metrology, scientific instrumentation and scientific research.
Employee Benefits Program Overview for Full Time employees in U.S. Locations

- Blue Cross Medical/Dental; VSP Vision; LTD/Life
- Paid sick/vacation/holiday with generous carryover
- Voluntary plan for supplemental life
- Short Term Disability offered as a voluntary plan unless there is a state program in place (CA, NY and soon in MA)
- Medical and Dependent Care Flexible Spending
- 401k with company contribution
- Education Assistance is available for additional schooling, terms and conditions apply
- Fitness, Weightloss, and Healthy Actions incentives through Blue Cross

PI offers a highly engaged, team oriented work environment focused on providing exceptional, high value solutions for our customers.

PI (Physik Instrumente) LP is an Equal Employment Opportunity Employer/Protected Veterans/Individuals with Disabilities.

If, at any point in the application process (including hiring), a candidate would like to request a reasonable accommodation due to a disability or a religious need, please email us at info@pi-usa.us Attn: Human Resources and we'll be happy to engage in an interactive process with you.

Notice to Employment Agencies

This recruitment assignment is being managed directly by our internal Human Resources team. Your respect for this process is appreciated. PI does not accept unsolicited agency resumes and any resumes received will be ineligible for referral fees. This is a direct hire. No agencies at this time, please no solicitations.