



Please send us your cover letter and resume to hr@cybel-llc.com.

Location: Bethlehem, PA, USA

Employment Type: Full-Time onsite

Job description:

As we scale our manufacturing capabilities for fiber lasers and amplifiers, we are looking for a hands-on Production Technician to join our team. This is a role for someone who wants to see the direct impact of their work; you will be instrumental in ramping up production, ensuring high-quality output, and occasionally bridging the gap between manufacturing and R&D.

Whether you are a seasoned fiber optics veteran or a detail-oriented technician with a background in electronics, optics, or physics looking to pivot, we want to hear from you.

You'll be working with a diverse and expanding product range, meaning your daily tasks will remain fresh and challenging. We offer the opportunity to grow your skills in a specialized, high-growth industry.

You must have permission to work in the US.

What you will do:

- Precision assembly: Perform the full lifecycle of fiber laser/amplifier assembly, including stripping, cleaving, splicing, and recoating optical fibers.
- System integration: Assemble and integrate fiber laser/amplifier components into both OEM modules (compact components for other machines) and benchtop setups (complete units for laboratory use).
- Testing and calibration: Use high-end diagnostic tools to verify performance, including OSAs, power meters, photodiodes, power supplies, and oscilloscopes.
- R&D collaboration: Assist in the assembly and testing of prototypes for new products and participate in challenging R&D projects.
- Quality control: Maintain rigorous standards to ensure every unit meets our high-performance specifications.
- Process improvement: Identify bottlenecks in the production line and suggest "smarter" ways to build.

What we are looking for:

- Educational background: A degree or certification in physics, electronics, optics, or a related technical field.



- The "Touch": You must be comfortable working with fragile components. If you enjoy steady-handed work (like PCB soldering or watch repair), you'll likely excel here.
- Technical literacy: Ability to read schematics, follow complex standard operating procedures, and document test results accurately.
- Experience: Familiarity with optical fibers and related equipment is a major plus.
- Mindset: You are rigorous, detail-oriented, and thrive in a varied environment where you might build a standard product in the morning and test a prototype in the afternoon.

Salary is negotiable depending on experience and education.

Company description:

Cybel is an established developer and manufacturer of innovative and reliable OEM & benchtop fiber laser and fiber amplifier products for the Photonic Industry. Cybel's vision is to achieve its success in a teamwork environment, by focusing on its customer's demand for meaningful photonic solutions. As a high-tech company, our people are the company's most valuable asset and provide us with a range of competencies needed to succeed.

Cybel is currently seeking several talented and self-motivated professionals to assist in our growth. Our location is in Bethlehem, PA, in the Lehigh Valley. Cybel is an equal opportunity employer.