



Solar Junction

Job Title: Photonics Test Technician

Location: Tempe, AZ

Are you a skilled Technician who likes a challenge and wants to work on the development and market introduction of cutting-edge photonics technology? If you are, and if you have experience with testing of optical or electronic components and/or systems, then we want to talk with you!

Responsibilities:

- Perform the set-up, calibration, testing and troubleshooting of laser and photodetector wafers and components
- Assist Test Engineer with the design, procurement and validation of test fixtures, tools and equipment
- Operate manual and automated engineering test systems for the test and characterization of lasers and photodetectors
- Execute test plans as specified and help with data visualization and analysis
- Execute reliability test plans
- Help manage the Engineering Test lab and keep it well-organized
- Monitor progress, relay concerns, and provide status reports
- Work independently with minimal supervision
- Adhere to safety, ESD,5S policies and guidelines.
- Draft test procedures

Requirements:

- AS degree in Engineering Technology or related discipline
- 2+ years of industry experience in the optical or electronic industry
- Ability to read drawings, basic circuits, mathematics, handbook formulas and a variety of testing and measuring instruments
- Demonstrated ability with troubleshooting, problem solving and critical thinking
- Knowledge of optical transmission and alignment techniques
- Good visual and manual dexterity using microscopes and micromanipulation
-
- Candidates who are highly-motivated to learn and apply new concepts quickly and ask analytical questions will have a significant advantage
- Ability to exercise discretion and independent judgment
- Strong attention to detail and belief in continuous improvement
- The ability to communicate well and frequently in a team environment
- Proficient in MS Office 365 applications

- Experience in the testing of VCSELS, edge-emitting laser diodes or photodetectors is highly desirable
- Experience with LabVIEW, Visual Basic, or other programming environment is highly desirable
-

If interested, please send your CV/resume to jobs@sj-solar.com with “R&D Test Technician” in the subject line.