



## Solar Junction

**The Company:** Solar Junction Corporation is a privately held company that designs and manufactures the world's highest efficiency commercially available solar cells.

**Location:** Phoenix, AZ

**Position Title:** Senior Process/Equipment Technician

### **Essential Duties and Responsibilities:**

- Perform daily backend operations (wafer dicing, temporary bonding/de-bonding, and wafer grinding)
- Assist troubleshooting and maintenance of process and tool problems.
- Assist process engineers in various process development projects.
- Follow standard operating procedures and maintain clear records.
- Disposition defective wafers to appropriate rework processes.
- Implement statistical process control methods.
- Train and certify operators to ensure proper understanding of process operations
- Perform characterization and device analysis of solar devices.
- Improve quality, yield, throughput and cost for the backend process.

### **Qualifications and Experience:**

- Dicing experience required (hands-on experience in equipment operation, maintenance, and improvement for processes)
- Frontend process experience desired (thin film e-beam evaporation, photolithography (mask alignment, resist coating/liftoff), wet etching)
- AA degree or equivalent and 10+ year experience in semiconductor industry
- Ability to be cross trained
- Familiarity with SPC monitoring and methods
- Ability to be versatile, efficient and productive with minimal supervision/guidance
- Ability to work on flexible schedule to meet delivery schedule
- Well organized with excellent written and verbal communication skills
- **This job requires adherence to safety and dress standards, including but not limited to bunny suits, safety shoes, safety glasses, nitrile gloves, restriction of makeup, etc.**

If interested and qualified, please send your CV/resume to [jobs@sj-solar.com](mailto:jobs@sj-solar.com) with the Position Title in the subject line.