

The Company: Solar Junction is privately funded and produces the world's most efficient solar cells.

Location: Tempe, AZ

### **Job Title: Sr Process/Equipment Technician (Wafer Backend Process)**

#### **Essential Duties and Responsibilities include the following:**

- Work in the team developing proprietary devices, materials, and processes for advanced solar technologies.
- Lead efforts to improve wafer backend processes which include wafer bonding, taping/detaping process, wafer grinding and wafer dicing.
- Interface with customers to understand their requirement and work with them to resolve issues.
- Analyze the root causes for backend wafer quality issues and provide solutions to solve complicated backend process issues.
- Trouble-shooting and tool maintenance for the backend process equipment.
- Train and certify technician/operators to ensure proper understanding of process operations.
- Perform characterization and device analysis of solar device. Improve quality, yield, throughput and cost for the backend process;

#### **Qualifications and Experience**

- AA degree or equivalent and minimum of 10 years work experience in solar, semiconductor or disk drive industries. Compound semiconductor experience is a plus.
- Extensive process/equipment experience with wafer backend process and hands-on experience in backend tool maintenance and improvement;
- Familiar with thin film deposition process.
- Familiar with SPC monitoring and methods.
- Ability to be versatile, efficient and productive with minimal supervision or guidance;
- Able to work on flexible schedule to meet delivery schedule.
- Well organized and excellent written and verbal communication skills.