



Solar Junction

**The Company:** Solar Junction Corporation is privately funded and produces the world's most efficient solar cell available for purchase.

**Location:** Tempe, AZ

**Position Title:** Equipment Engineer

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

- Responsible for all current and future resist coating, stepper and aligner photolithography as well as other fab equipment at Solar Junction.
- Daily operations include ensuring equipment in working order to support resist coat/exposure/develop, and trouble-shooting stepper/aligner related alignment, focus and exposure issues.
- Perform routine maintenance for SVG track, stepper/aligner and related equipment.
- Trouble shooting and repair equipment in other function area, including inspection, wet etch, deposition, RIE and PECVD tools.
- Train and certify technicians and operators to ensure proper understanding of lithography and other process operations.
- Work with process engineers in developing new fab process to improve wafer yield and reduce process cost.

**Qualifications and Experience:**

- B.S. Degree or equivalent and 15+ years' experience in solar, semiconductor or disk drive industries.
- Extensive experience on photolithographic steppers, aligner, SVG track, ebeam evaporator and PECVD tools.
- Ability to trouble-shoot and fix alignment, focus and exposure issues. Ability to maintain robot for wafer transfers.
- 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.
- This job requires adherence to safety and dress standards, including but not limited to bunnysuits, safety shoes, safety glasses, nitrile gloves, restriction of makeup, etc.

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