



First Solar Job Description

Job Title: Technician, Development Engineering I

Reports To: Development Engineer or Development Engineer Manager

Job Status: Non-Exempt

Basic Job Functions:

Will conduct developmental tests, including sample fabrication and testing, compile and analyze test data from performed testing and review results with engineering personnel to improve efficiency and stability of solar modules. May assist in troubleshooting process issues.

Education and Experience:

- High School Diploma or equivalent and 6 years of experience in a Technician role or 2 years of experience as an Engineering Test Support II or Master Manufacturing Technician at First Solar.
- AS degree in engineering, physics, chemistry, electronics or materials science required with 1+ years of experience in a similar role
- BS degree in engineering, physics, chemistry, electronics or materials science required without prior technical work experience

Required Skills/Competencies:

- Proven competency in sample preparation and measurement
- Ability to learn the operation, calibration, and preventative maintenance of lab and testing equipment and systems
- Proven competency in sample collection, preparation and measurement
- Primary knowledge of MS Office (Excel, PowerPoint, Word, Access)
- Some knowledge of SQL as well as JMP or other statistical software
- Ability to communicate on a regular basis with all levels of Associates
- Proven organizational skills
- Excellent problem-solving ability

Essential Responsibilities:

- Applies basic required skills to the position or specialization. May adapt procedures, processes, tools, equipment and techniques to meet the more complex requirements of the position.
- Duties and tasks are frequently non-routine. Ability to adapt to varying projects and areas utilized in processing solar devices.
- Has ownership within his/her functional group of a particular operational process or equipment. Oversees maintenance and trains others in this process.
- Plan, coordinate, and execute engineering tests (ETAs) on production line
- Executes planned process experiments in integrated device tasks and trials. Collects and analyzes data and reports experimental results.
- Works under minimal supervision. May assist in orienting and training lower level employees.
- Ensure adherence to all safety and housekeeping standards and protocols