



## First Solar Job Description

**Job Title:** Technician, Development Engineering III

**Reports To:** Development Engineer Manager

**Job Status:** Non-Exempt

### Basic Job Functions:

Performs all necessary maintenance of the production/test equipment, in a safe, timely and cost-efficient manner. Ability to read schematics and basic electronic troubleshooting. Vacuum troubleshooting and leak detection skills. Assists in the plans and schedules of daily work assignments for maintenance technicians. Mentors junior technician in repair and procedures. Writes procedures for specifications on repairs when requested. Responsible for the accurate and complete reporting of all work performed on equipment and systems. Reports directly to the area manager. Checks and approves all work upon completion of work orders. Works overtime when necessary to train and certify junior technicians. Works a shift structure, with flexibility on schedule required when required.

### Education and Experience:

- High school graduate with an industrial major required.
- 2-year technical school in Electrical and Maintenance field preferred.
- 2-year associate degree or equivalent program in a technical discipline preferred.
- 8+ year's maintenance experience required OR
- 5 years' experience with Degree in a mechanical or electrical discipline

### Required Skills/Competencies:

- Knowledge of manufacturing processes and equipment.
- Knowledge of computer applications (Word, Excel, Outlook).
- Basic understanding of SPC and Process Control Techniques.
- Project Leader and previous supervisory experience is a plus
- Proven Communications Skills (written and verbal)
- Ability to read prints and suggest modifications as required.
- Proven Electro/Mechanical skills.
- Knowledge of Electrical, Mechanical, Vacuum Systems, and Laser operations.

### Essential Responsibilities:

- Repair of all manufacturing equipment current and future and/or ability to understand such equipment to the point of effective troubleshooting.
- Mentors junior technicians in the on-site service and repair of process equipment, and as necessary the maintenance of the facility. Communicates parts inventory levels.
- Assists in evaluating and certifying Junior technicians for promotions and training.
- Sets the example for all maintenance technicians in troubleshooting and servicing of all energy sources for all equipment and implements the preventative maintenance program.
- Interfaces with other departments and vendors.
- Follows standard OSHA, EPA and Company safe practices on all work assignments.
- Identifies and recommends opportunities for improvement to maintenance procedures and cost savings.

- Responsible for the training of maintenance technicians
- Insures that all work is recorded in Maximo and all work orders are complete including the documentation of spares, labor, and downtime.
- Attends 2 pass down shift meetings per shift to communicate any and all work-related information on completed and in progress work from the previous shift.
- Performs other assignments as required from his manager
- Substitutes for the Lead when needed.
- Assists Equipment Engineer with projects including but not limited to generating and revising maintenance specifications, providing material input to continuous improvement and TQM projects.