



First Solar Job Description

Job Title: Equipment Engineer II

Reports To: Manager, Equipment Engineer

Job Status: Exempt

Basic Job Functions:

- Provide technical and professional leadership to the maintenance team and manage the engineering aspect of the maintenance process.
- Use SPC and other TPM (Total Preventive Maintenance) programs to drive improvements and rate the effectiveness of a repair.
- Maintain preventive maintenance (PM) records and other pertinent data that is deemed necessary to do a complete job.
- Publish information that has been reviewed, in a report format, on a routine basis.
- Work on cross functional teams to improve Throughput.
- Streamline and improve PMs to continuously improve the availability of equipment.
- Maintain the stock of relevant spare parts

Education and Experience:

- Bachelor's Degree in an Engineering Discipline (Mechanical or Electrical Engineering preferred) and 5 + years of relevant work experience.

Required Skills/Competencies:

- Strong analytical, communication and organizational skills.
- Proficient use of all Microsoft Office suite programs.
- Knowledge of Engineering Principals and Practices.
- Knowledge of Manufacturing processes.
- Good knowledge of Problem-Solving Tools such as 7 Steps and DMAIC (6Sigma).
- Knowledge of Computerized Maintenance Management System (CMMS) software, preferably with IBM/MRO Maximo.
- Computer skills with CAD related experience a plus.
- Basic knowledge in programming language and use of relational database systems.
- Knowledge in SQL, SAP, SAS, Tableau preferred.

Essential Responsibilities:

- Arrange, participate and implement PM-Planning.
- Create and update equipment Preventive Maintenance Work Instructions, equipment specifications, equipment trouble shooting BKM and good manufacturing OPL.
- Continuously improve spare part availability.
- Provide training where applicable to Maintenance team.
- Responsible to monitor long term equipment down issues and assist or lead with resolution.

- Responsible to interface with other cross functional groups to identify, brainstorm, create and implement equipment improvement projects.
- Responsible to interface with Manufacturing Engineering /Maintenance group from Global manufacturing sites