



Position Title: Reliability Engineer  
FLSA Classification: Exempt  
Reports to: Manager, Product Development  
Location: Auburn Hills, Michigan

## Reliability Engineer

### Position Description:

The Reliability Engineer will have full responsibility for assuring that all products pass required regulatory, certification and reliability testing. This will be accomplished through the implementation and maintenance of reliability models and the understanding of quality and safety standards (UL, IEC, TUV etc.).

### Duties will include:

- Develop, implement, document and improve Product reliability monitoring programs
- Design and manage the collection of data from the field, in-house accelerated test programs, and product characterization testing
- Responsible for data collection, analysis and both internal and external reports
- Manage the design, development and implement necessary software tools to automate data collection and analysis from test systems
- Develop test procedures and equipment to accelerate and detect product failure mechanisms known to exist in the field and prediction of product lifetime
- Provide technical assistance to other groups within United Solar Ovonics

### Required Qualifications:

- Bachelor's degree in Engineering field (Electrical, Mechanical, Chemical) or Material Science
- 5-10 years experience in a product development environment, preferably in a related industry
- Demonstrated problem solving ability
- Communicates cross-functionally at multiple levels with candor and respect
- Experience in mass-produced mechanical systems with electrical components
- Knowledgeable of the tests required to certify photovoltaic modules for UL, TUV and other certifying industries
- ASQ certified Reliability Engineer
- Working knowledge of ISO 9001:2000 requirements

We are a drug free workplace.

Benefits include medical, dental, vision, life insurance and 401k with match  
United Solar Ovonics is an Equal Opportunity Employer. EEO/AA/VEO

**United Solar Ovonics LLC** is the world leader in Thin - Film solar technologies  
For more information about our company visit: [www.uni-solar.com](http://www.uni-solar.com)