



Job # 2049A

PV Cell & Module Manufacturing Engineer

Company Overview

Xunlight Corporation, a technology spin-off from the University of Toledo, engages in the development, manufacture, and marketing of photovoltaic modules that convert sunlight into electricity. The company develops thin-film silicon based photovoltaic products and manufacturing equipment for high-throughput production of flexible and lightweight photovoltaic modules at low cost. Xunlight has received over \$40 million institutional investments during the past 16 months to build out its roll-to-roll production lines. The company has also received over \$10 million R&D funding from the US Department of Energy, US Department of Commerce and Ohio Department of Development to develop its products and manufacturing process. Xunlight was featured in the October 8, 2007 issue of Newsweek magazine, a March 24, 2008 report of CNN News. The company is headquartered in a 122,000 sqft manufacturing facility in Toledo, Ohio. For additional information, visit www.xunlight.com.

Job Description

This position is responsible for technically executing the thin film solar cell and module process to achieve manufacturing goals of high Quality, Yield, Throughput, and Low cost. This position is reporting to module MFG manager

Job Responsibilities:

- Establish SPC for critical parameters
- Generate work instructions and SOP for operators
- Identify variables for the critical parameters and find the way to control them
- To reduce cycle time, waste, inventory, and increase productivity, yield, reliability to reduce the production cost
- Generate training programs for technicians
- Work with development engineers to improve Solar cell and module process
- Establish baseline manufacturing processes in different stages
- UL, IEC, and TUV certification tests
- Supervise technicians to achieve the manufacturing goals

Job Requirements

- Minimum 3 years professional hands-on experience in manufacturing process
- Minimum 2 years experience of lean manufacturing, SPC, trouble shooting
- BS degree in engineering is required
- Manufacturing experience is required.

Please submit resume and cover letter, salary history and requirements, and contact information for 3 business references to hr@xunlight.com. Please refer to Job# 2049 in subject line. Must be able to work for any US employer. No phone calls please.