



Job Number 2031

Electrochemist

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.

Job Description

The primary job responsibility is performing design, set up, operation and maintenance of Xunlight's unique electroplating processes and development of materials and processes for optimized electroplated layers. The applicant will be expected to implement and optimize plating methods in collaboration with Xunlight R&D and engineering staff, and document results from the plating process. The applicant will also be expected to perform project management duties for government funded projects. The ideal applicant will be a self-starter with electroplating industry experience, including new process startup. Electrical and mechanical skills will be a strong plus. Ability to work effectively in a team environment is essential.

Job Responsibilities:

- Formulation of new electroplating recipes
- Scaling up laboratory-developed processes to the pilot scale.
- Designing and running pilot-scale plating facilities.
- Manage a government funded project.
- Create and maintain documentation related to new and existing plating equipment and processes

Job Requirements

- Background in electrochemistry or electroplating preferred
- Willingness and ability to work with industrial chemicals
- Ability to utilize Microsoft Applications (Word, Excel, Powerpoint, etc.) and CAD software
- Prior electroplating experience required (3 years minimum)
- Experience in waste disposal and treatment a plus
- Degree in Chemical Engineering, Chemistry, Physics or related Engineering/Technology, or equivalent. Applicants without formal training in these areas may also apply and will, in general, be considered for a technician position.

Please submit resume, cover letter and salary requirements to HR@Xunlight.com.

Refer to Job #2031 in subject line.