



### **SMT Process Engineer**

Semprius is a North Carolina based clean energy company that produces high efficiency concentrator photovoltaic (CPV) modules. Semprius is in the process of rapidly scaling from lab prototypes to pilot production and then to high volume manufacturing. Semprius is seeking an experienced SMT Process Engineer to establish and support manufacturing processes for a new Pilot Production plant in Henderson, North Carolina.

#### **Responsibilities:**

- Establish SMT process line, focused on equipment installation, process start-up, qualification, and manufacturing ramp.
- Generate and maintain quality documentation including equipment procedures and process instructions.
- Train and support Production staff in equipment operation, process qualification, and product inspection.
- Support the Semprius Quality systems for SPC, Change Control, Calibration, and Document Control.
- Drive process and material evaluation activities for improved Yield, Output, and Cost.
- Promote safe work environment, employee ownership of quality, and continuous improvement.
- The position will initially be located in Durham, NC, but will transition to the new Pilot Line location in Henderson, NC.
- Position reports directly to the Engineering Manager.

#### **Candidate Requirements:**

- Bachelor degree in Mechanical Engineering or a related technical field plus a minimum of 6 years of industry experience.
- Demonstrated technical knowledge and expertise in a wide range of SMT process areas, including Wafer Sort, Pick-n-Place, Reflow, Automated Inspection, and Substrate Automation.
- Experience with PC Board or Solar Module manufacturing operations preferred.
- Candidate must be a highly motivated individual with excellent verbal and written communication skills and who is also an excellent team player.

To apply, please send your resume and cover letter to:  
[carolyn.gill@semprius.com](mailto:carolyn.gill@semprius.com)