



Wafer Fabrication Technician, 2nd Shift

Semprius Corporation, located in the Research Triangle Park area of NC, is developing a high performance concentrator photovoltaic (CPV) module array that can be produced at a fraction of the cost of alternative technologies. Because of the low cost parallel processing approach coupled with the high performance optics and multi-junction micro-solar cell combination, the solar module will have the lowest \$/W ratio available in the marketplace.

BACKGROUND:

The solar industry is continuing to grow at a double digit rate and is demanding the highest performance solar modules at the lowest possible cost. Semprius has developed unique technology exclusively licensed from the University of Illinois which is capable of massively parallel transfer printing very small solar cell chips onto a solar panel at very low cost. This technology enables the use of very high performance multi-junction III-V compound semiconductor solar cells.

RESPONSIBILITIES: The 2nd Shift Wafer Fabrication Technician will be responsible for wafer processing on a variety of equipment in a cleanroom environment. The individual will perform process and inspection operations per written instructions and direction from the engineering staff. Experience in wafer processing will be leveraged to refine procedures, generate repeatable results, and meet monthly processing goals. Manufacturing will transition from prototype builds to full production, with the focus on following established quality procedures and standards.

The Wafer Fabrication Technician will help drive improvements in the manufacturing process by providing feedback on yield, cycle time, and cost reduction opportunities. The candidate will work with a dynamic team of engineers and partners engaged in this exciting multi-disciplinary field and will report directly to the Manager of Operations. The position will initially be located in Durham, NC, but will transition to the new Pilot Line location in Henderson, NC

QUALIFICATIONS: Candidate must have a two-year technical degree in manufacturing, electronics, or related field and 8+ years of industry experience. Direct experiences with wet etch, plating, metallization, dry etch and/or photolithography is preferred. Experience with both hazardous chemicals and cleanroom safety protocols are very important. In addition, the candidate must be a highly motivated individual with excellent verbal and written communication skills and who is also an excellent team player.

Please send your resume and cover letter to:
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