



**SemiSouth Laboratories, Inc., seeks Epitaxy Characterization Engineer
in Starkville, MS**

The Epitaxy Characterization Engineer is a position under the Epitaxy Product Group of the Operations Department, which is responsible for the production of silicon carbide (SiC) epitaxy for commercial and government programs at SemiSouth Laboratories, Inc. The Epitaxy Characterization Engineer reports directly to the Fab Operations Director.

Duties and Responsibilities:

- Measurement of SiC epitaxy for thickness and doping
- Proficiently employ the principles and practices of thin film measurement of SiC epitaxy, and is responsible for interpreting measurement results and providing feedback
- Use of characterization techniques to be used routinely include Fourier Transform Infrared Reflectometry (FTIR), Capacitance-Voltage (CV), Current-Voltage (IV), and other device performance measurements as needed
- Make recommendations for process adjustments and improvements based on an understanding of SiC epitaxy growth principles.
- Perform other duties as assigned

Qualifications:

- MS or equivalent in Electrical Engineering, or related field
- Minimum 24 months experience in SiC semiconductor manufacturing or R&D

Send resume to Michele Grissett, Human Resources Manager, SemiSouth Laboratories, Inc., 201 Research Boulevard, Starkville, MS 39759.