

## Reliability Lab Technologist

### GaN Systems Inc.- Ottawa, ON, Canada

GaN Systems is the global leader in GaN power semiconductors with the largest portfolio of transistors that uniquely address the needs of today's most demanding industries including data center servers, renewable energy systems, automotive, industrial motors and consumer electronics.

As a market-leading innovator, GaN Systems makes possible the design of smaller, lower cost, more efficient power systems. The company's award-winning products provide system design opportunities free from the limitations of yesterday's silicon. By changing the rules of transistor performance, GaN Systems is enabling power conversion companies to revolutionize their industries and transform the world. For more information, please visit [www.gansystems.com](http://www.gansystems.com)

#### Job description

This is an exciting career opportunity with the Reliability group at GaN Systems as a Reliability Lab Technician performing reliability testing activities and physical failure analysis of existing and new products and processes. This job will allow the individual to expand and learn new engineering skills in a new semiconductor area.

#### Responsibilities

- Understand qualification/reliability testing and follow sample plans to implement the tests, while ensuring accurate and dependable work across a wide variety of testing conditions
- Lead test setup and preparatory work including soldering, wiring, building boxes, etc.
- Perform chamber/ test monitoring, daily walkthroughs and light equipment maintenance work
- Observe setup issues, detect failing parts and provide feedback to the team
- Identify failures in reliability tests and assist FA engineer in analyzing these devices
- Document and update procedure/work instructions
- Use excel and LabVIEW based applications to process reliability data
- Help manage outsourcing reliability tests

#### Qualifications

- Electrical engineering technologist / technician with 2+ years of industrial experience
- Ability to complete assigned work requests and manage multiple deadlines
- Be a self-starter, be able to work effectively with minimal supervision, and have good organizational and planning skills
- Be willing to learn new job-related skills quickly and have good troubleshooting and analytical skills
- Good understanding of transistor functionality and basic electronics
- Ability to work well in cross functional teams in a fast-paced collaborative team environment

**Job type:** Full Time

**Experience level:** Entry level/Intermediate

**Location:** GaN Systems Inc. 1145 Innovation Dr. Ottawa, ON K2K 3G8

**Contact:** Maryam Abouie- [mabouie@gansystems.com](mailto:mabouie@gansystems.com)

**Please note - You must be legally able to work in Canada to be considered for this position.**