



## **Mechanical Engineer - Full Job Description**

Criteria Labs is seeking a Mechanical Engineer for a direct hire opportunity. At Criteria Labs, we recognize that our employees are our most powerful resource, selecting only the most talented and experienced individuals to work with our Engineers and Operations teams. We are located in the heart of Austin near Lamar.

Criteria Labs provides RF Products and Semiconductor Engineering Services for organizations that require unique solutions for high-reliability aerospace, oil and gas, commercial semiconductor, automotive and medical applications.

This role will be responsible for robotic assembly tools to manufacture RF modules targeted at high-reliability and space programs. This role is critical to customer satisfaction and repeat customer business. This requires a creative problem solver and relentless mindset.

### **DUTIES AND RESPONSIBILITIES**

Criteria Labs is seeking a Mechanical Engineer with the following qualifications:

- Develop programming process for robotic tools.
- Develop tooling for various assembly processes.
- Take ownership of tools and processes.
- Design mechanical assemblies and optimize CTE matching and thermal performance.
- Comfortable with supporting assembly and test activities in class 100 clean room environment.
- Work with tooling and fixture design engineering teams to implement and define solutions that support assembly and test operations.
- Develop process plans that create first pass success.
- Review semiconductor RF performance specifications; evaluate packaging process requirements for RFI grounding and shielding.
- Evaluation of device and package and thermal performance.
- Lead technical team of equipment technicians and operators.
- Support customer and internal quality audits
- Participate in ISO9001, ISO17025, AS9100 and DLA audits.
- Approve end of project reports and Certificate of Conformance.
- Learn material and process QA procedures.
- Follow and familiarize self with company policies and procedures.
- Performs tasks accurately and efficiently, free from errors.
- Ability to take initiative and own tasks and projects.
- Persistently drive tasks and projects to completion.
- Adapts to changes in the work environment, manages competing demands and is able to deal with change, delays or unexpected events.
- Energetic, enthusiastic, positive outlook.
- Listen attentively and able to grasp fast-paced technical conversations.
- Maintain a clean and organized work area on a daily basis.
- Consistently at work and on time, follows instructions, responds to management direction and solicits feedback to improve performance.

### **REQUIRED SKILLS**

- Five years working in a high mix, low volume electromechanically manufacturing environment.
- Understand and employ techniques to build and facilitate activities of cross functional manufacturing engineering and technical teams.
- Solid understanding of electronics manufacturing processes and materials
- Strong quality background.
- Ability to program robotic tools for assembly applications.



- Computer skills in Microsoft Excel, Word, and Outlook.
- Must have excellent analytical, creative, problem solving skills and strong organizational skills.
- Ability to follow direction verbally as well as written and perform tasks in a manner that reflects well upon the organization.
- Able to prioritize and plans work activities and uses time efficiently.
- Desire to exceed expectations and drive positive change in the organization.
- Excellent time a self-management skill, ability to prioritize and multitask to meet deadlines.
- Strong work ethic and team player.

#### **SCHEDULE**

- Monday to Friday

#### **EXPERIENCE**

- BS Engineering degree required
- SPC data analysis
- Quality problem and evaluation certifications
- Auto CAD/ Solid works tool design software tools

Job Type: Full-time

Pay: DOE

Benefits:

- 401(k)
- Dental insurance
- Disability insurance
- Health insurance
- Paid time off
- Vision insurance

#### **COVID-19 considerations:**

Criteria Labs has a strict mask and social distancing policy in place at this time.

Location:

- Austin, TX 78752 (Required)

Company's website:

- <http://www.criterialabs.com/>

Work Remotely:

- No

COVID-19 Precaution(s):

- Personal protective equipment provided or required
- Temperature screenings
- Social distancing guidelines in place
- Sanitizing, disinfecting, or cleaning procedures in place

**Notice:** Criteria Labs provides Equal Employment Opportunity to all people in every aspect of consideration for employment. All qualified applicants will receive consideration for employment without illegal discrimination on the basis of race, color, sex/gender (includes pregnancy, childbirth, breastfeeding, and/or related medical conditions), age, gender identity, gender expression, disability, religion, citizenship, national origin, ancestry, military or veteran status, marital status, sexual orientation, domestic violence victim status, predisposing genetic characteristics and genetic information, and any other status protected by law.