



Genesis Engineering Solutions, Inc.
4501 Boston Way
Lanham, Maryland 20706

JOB POSTING

Job title: COMPONENTS / RELIABILITY ENGINEER

All times are in Eastern Daylight Time.

Requisition ID: 2021-8

Number # of Openings: 1

Job Locations: US Lanham, Maryland

Posted Date: 7-20-2021

Category (For Portal Searching): ENGINEER

Required Clearance to Start: Background check

Reports to: CEO

Classification: Exempt

Salary range: salary will be commensurate with experience

Responsibilities and Duties:

The successful candidate will have expertise in component selection, parts screening, and reliability engineering. The candidate shall interface with design engineers, parts specialists, and vendor personnel to identify appropriate spaceflight quality parts, and resolve problems and issues. Duties include develop/review parts screening, lot acceptance testing, and destructive physical analysis results and part disposition. Ideal candidate will have knowledge of Radiation Effects (total dose and single event upset) as well as performing reliability calculations.

- Desired Qualifications:
- Bachelor's degree in Electrical Engineering and 10 years of relevant experience or an equivalent combination of education and experience.
- Demonstrated understanding of the differences between military, space and commercial part specifications, manufacturing, testing and flight applications.
- An understanding of space environment effects on packaged electrical/electronic systems (materials, radiation, and thermal).
- Familiarity with selection and handling of mil spec standards of electronic parts.
- Ability to work independently and as a member of an integrated project team with limited supervision.
- Demonstrated experience with and application of GSFC EEE-INST-002, MIL-STD-1547, Aerospace TOR, and ESA Space Standards.
- Ability to perform Reliability Calculations per Mil-HDBK-217E
- Training and/or experience in pre-seal visual inspection, particularly microcircuits and hybrids.
- Excellent Verbal and Written Communication skills.
- Good working knowledge of Microsoft Office products.
- Secret Clearance (desired / not required).
- Submit résumés and cover letter via the web link below

Benefits:

401(k)

401(k) matching

Profit Sharing

Dental insurance

Disability insurance

Employee assistance program

Flexible spending account

Health insurance

Life insurance

Paid time off

Parental leave

Tuition reimbursement

Vision insurance



Genesis Engineering Solutions, Inc.
4501 Boston Way
Lanham, Maryland 20706

Supplemental Pay:
Bonus pay

COVID-19 considerations:

We are working in the facility during the current pandemic. Employees' safety and health concerns are totally respected.

Company's website:

- <https://www.genesisESI.com>

Essential Functions:

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

AAP/EEO Statement

We consider all applicants for positions without regard to sex, religion, race, color, age, disability, sexual orientation, marital or veteran status, national origin or genetic information or any other similarly protected status. We also comply with all applicable laws governing employment practices and do not discriminate based on any unlawful criteria.

If you meet these qualifications and feel this will be a good fit for you, please apply by sending us a cover letter and resume. Your cover letter should help us get to know you in a way your resume doesn't.

Please send resumes to OpenPositions@GenesisESI.com , to apply.

Requisition ID: 2021-8

Job Type: Full Time