

KUSTOM SIGNALS, INC.
POSITION DESCRIPTION

Position Title:	Quality Engineer	Job Grade:	14 EX
Department:	Quality Assurance	Cost Center:	10208
Reports To:	Operations Manager	Revision Date:	May 2021

Position Summary:

Quality: Participate in resolving issues in Supplier Approvals, Root cause Analysis, Production/Process Support, Engineering and Product Reliability.

Education:

B. S. in a Manufacturing related discipline (i.e., Industrial Engineering, Manufacturing Engineering, or a similar Quality discipline) with 3+ years of related work experience in a quality engineering position (i.e., Quality Engineer, Supplier Quality Engineer, etc.)

Experience:

Experience in concurrent engineering processes, with some level of engineering development validation.

Skills:

Quality Control Systems and statistical techniques. ISO9000 implementation experience.
Lean/Six-Sigma experience
Microsoft Office Proficient
Must possess strong interpersonal skills.

Supervisory Responsibilities:

None at this time.

Duties and Responsibilities:

Supplier Quality:

- Create or update Inspection Plans for received product, including first articles.
- Communicate product related problems to our suppliers via KSI's Supplier Corrective Action Requests (SCARs).
- Monitor and report on supplier performance ratings.
- Qualify new suppliers.

Production Support Quality:

- Create and monitor quantitative data related quality problems in production.
- Conduct "root cause" investigations concerning quality issues.
- Coordinate Corrective Action Plans (CAP's) to eliminate root causes and lead the bi-weekly corrective action committee meetings.
- Ensure that all finished good products follow a Final Acceptance Testing (FAT) sheet review.

Product Reliability:

- Participate in new product design development to ensure reliability and maintainability is incorporated into the products design.
- Conduct initial product qualification tests on new products to ensure reliability and maintainability are incorporated into the products design.
- Conduct ongoing qualification testing to ensure design, supplier, and production quality is maintained throughout the existence of the product.
- Other duties as assigned

Equipment To Be Used

Computers, telephones, development systems, Engineering software, and test equipment.

Typical Physical Demands:

- Sit, stand, walk, lift, bend, and reach.
- Drive a car/SUV day or night.
- Specific vision abilities require close vision and ability to focus.
- Travel the United States via car or airplane and infrequently internationally as the job may demand depending on partners.
- Frequently lift ten (10) pounds and occasionally lift and/or move up to sixty (60) pounds and occasionally lift and/or move in excess of sixty (60) pounds using lifting aids, technologies, or appropriate assistance.

Typical Mental Demands:

- Must be able to perform complex math calculations
- Must be able to gather and analyze quantitative and qualitative data
- Must be able to write technical documentation
- Ability to effectively present information to customers and other employees of the organization.

Working Conditions

- Quiet, temperature-controlled, typical office environment.
- Typical workweek will include eight (8) hours per day, five (5) days a week.
- Must work some evenings and weekends.

Travel

Up to 20% travel to customers' sites via car or airplane.

The intent of this job description is to provide a representative summary of the types of duties and responsibilities that will be required of positions given this title and shall not be constructed as a declaration of the specific duties and responsibilities of any particular position. Employees may be requested to perform job-related tasks other than those specifically presented in this description.

Employee Signature _____ **Date** _____

Supervisor/Mgr. Signature _____ **Date** _____