

Highly skilled Quality Leader in pursuit of cutting edge and technically advanced engineering projects to build on and apply ten years of proven experience

Skills

- SAE AS9100 Lead Auditor Training (2021)
- ASQ Certified Quality Engineer (2019)
- Six Sigma Green Belt (2019)
- 8 Disciplines (8D) Problem Solving (2014)
- Value Stream Mapping
- successfully completed EIT Exam (2005)
- SQL, Minitab
- SolidWorks
- MS Office (Word, Excel, PowerPoint, Visio)
- Geometric Dimensioning and Tolerancing per ASME Y14.5 – 2009

Experience

DATES FROM 1/2023 TO PRESENT :: 5/2022 TO 1/2023

Quality Assurance Manager / Senior Quality Engineer

Career Technologies, A Fralock Company, Chatsworth, CA

- Lead a team of 4 Quality Engineers and Technicians providing direction, guidance and support
- Oversee customer and regulatory audits in accordance with AS 9100D and ISO 13485:2016
- Manage and maintain Nonconformance and Corrective/Preventive Action processes
- Customer interface for feedback, complaints and return merchandise authorizations (RMA's)

DATES FROM 3/2021 TO 4/2022

Quality Engineer / Virgin Orbit, Mojave, CA

- Revised Test Operations Manual to comply with AS9100D requirements
- Present monthly metrics to Upper Leadership and status Preventive/Corrective Action efforts
- Review Engine ATP nonconformances and lead Root Cause and Corrective Action efforts
- Coordinate 5S audits and drive process improvements to reduce waste and improve productivity

DATES FROM 7/2019 TO 3/2021

Quality Engineer / Fralock, Valencia, CA

- End-to-end quality support of all-polyimide heaters and flexible circuits most notably for Lockheed Martin's GPS III Satellite and NASA JPL's Europa Clipper
- Perform Minitab analysis to statistically validate process capability according to customer requirements
- Create balloon drawings and First Article Inspection Reports per AS9102

DATES FROM 8/2018 TO 2/2019

Quality Engineer / Senior Aerospace SSP, Burbank, CA

DATES FROM 11/2017 TO 6/2018

Quality Engineer / Northrop Grumman Mission Systems, Woodland Hills, CA

- End-to-end support of SSIRU product line inclusive of reviewing contract documents, compiling End Item Data Package documentation and overseeing customer source inspections in support of product review and acceptance

DATES FROM 1/2012 TO 9/2017

Quality/Build Reliability Engineer / SpaceX, Hawthorne, CA

- Created inspection plans and reviewed first article reports; coordinated with CMM programmers and inspectors to implement standardized inspection protocols
- Reviewed Drawings and Manufacturing Instructions to verify technical compliance and optimize inspection processes
- Prepared and led monthly reviews evaluating nonconformance trends to direct Engineering and Production in prioritization and systematic resolution
- Experience with all stages of Propulsion assemblies from valve build to engine integration; extensive experience with nonconformance review and coordination of root cause investigations and corrective action implementations

DATES FROM 7/2010 TO 1/2012 ~ FROM 2/2008 TO 7/2010

Quality Engineer ~ Test Engineer / Moog, Inc., Chatsworth, CA

Education

**Masters of Science,
Mechanical Engineering**
California State University, Los Angeles
Emphasis in Control Systems

**Bachelors of Science,
Mechanical Engineering**
California State University, Los Angeles