

Derrick Roberts

Highly motivated and innovative Quality Engineer

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In depth metrics focus with attention to defect trends and their corrective actions. Major customer interface with lots of supplier quality, supplier corrective action and internal/external audit experience.

Willing to relocate to: Arizona - -

Authorized to work in the US for any employer

Work Experience

Quality Engineer III

Sierra Space-Louisville, CO

February 2023 to Present

- Assembly Integration and Test (AI&T) support.
- Process review and improvement
- Continuous improvement.
- IPC 620 (space addendum) oriented harness build support.
- Quality support for production planning.
- Space plane manufacturing and testing.

Quality Engineer

Collins Aerospace-Fairfield, CA

January 2016 to Present

Process Validation - Reviewing documentation from vendors, in process operations and final/shipping to verify all parts are properly vetted and eliminate the risk of processing counterfeit parts. Documentation includes generating and reviewing AS9102 (First Article Inspection).

Direct Customer Interface - Preparing all necessary components for customer source inspection and Defense Contract Management Agency (DCMA), including final product. Coordinating contract specifics (deviations, modifications, etc.) with program management

Lean Manufacturing - ACE (Achieving Customer Excellence) Associate, Collins Aerospace equivalent to Six Sigma. Relentless Root Cause Analysis, innovation and policy deployment. Review current processes throughout multiple value streams including manufacturing procedures.

Site Audits - Internal document control, production and manufacturing procedures, assembler and technician compliance and comprehension.

Education

B.S. in Biology

Ohio State University-Main Campus - Columbus, OH

August 2012 to January 2014

Associate in Science (AS) in Biology

Columbus State Community College - Columbus, OH

August 2010 to August 2012

Skills

- 5S
- ISO 9001
- Lean Manufacturing
- Six Sigma
- Internal Audits
- Microsoft Office
- SAP
- AS9100
- iOS
- Android
- GD&T
- Lean
- Manufacturing
- Quality Management
- Energetics (5 years)
- Composite Lay Up (5 years)
- Ballistics (8 years)
- Manufacturing (5 years)
- Microsoft Excel
- Microsoft Word
- Management
- CNC
- Calibration
- Calipers
- Quality Assurance
- Quality Inspection
- Project Planning
- Quality Audits
- Production Management
- Coordinate Measuring Machine
- Plant Management
- Federal Aviation Regulations
- Supply Chain
- Soldering (6 years)

- Time management
- Communication skills
- Production planning
- Budgeting
- Tooling
- Spanish
- Microsoft Excel
- Microsoft Office
- Quality control
- Manufacturing
- Communication skills
- Quality management
- Quality assurance
- 5S
- Six Sigma
- Root cause analysis
- Assembly
- Document management
- Lean
- Production planning
- GD&T
- Non-destructive testing
- SAP
- Leadership
- Supply chain
- Budgeting
- Federal Aviation Regulations
- Android
- Sales
- Analysis skills
- CAD
- Math
- ISO 9001
- Quality systems
- Blueprint reading
- Continuous improvement
- Project management
- Coordinate measuring machine
- SAP ERP
- Project planning

- Supervising experience
- Customer service
- Product management
- Lean manufacturing
- iOS
- Business development
- GD&T

Certifications and Licenses

ACE

March 2020 to Present

Raytheon/ Collins Aerospace equivalent to Six Sigma.

Professional Engineer

Driver's License

June 2019 to Present

Expiration 5/26/2057, expiration year not an option on the drop down list.

Certified Quality Auditor

Certified Welding Inspector

Six Sigma Green Belt

Assessments

Analyzing data — Proficient

May 2021

Interpreting and producing graphs, identifying trends, and drawing justifiable conclusions from data

Full results: [Proficient](#)

Basic attention to detail — Proficient

May 2021

Identifying differences in materials, following instructions, and detecting details among distracting information

Full results: [Proficient](#)

Supervisory skills: Motivating & assessing employees — Proficient

May 2021

Motivating others to achieve objectives and identifying improvements or corrective actions

Full results: [Proficient](#)

Indeed Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field.

Additional Information

Clearances for Department of Defense, FAA/EASA and ATF