

Kimberly Lauhoff

Senior Quality Engineer

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📍 123 Oak Street, Birmingham,
AL 35201

Education

**Bachelor of Science in
Engineering with a focus
on Quality Assurance at
University of Alabama,
Tuscaloosa, AL**

Sep 2014 - May 2018

Relevant Coursework:
Engineering Design,
Manufacturing Processes,
Quality Control and Assurance,
Statistical Process Control,
Materials Science, Industrial
Engineering, Reliability
Engineering, Operations
Management, and Lean Six
Sigma.

Links

[linkedin.com/in/kimberlylauhoff](https://www.linkedin.com/in/kimberlylauhoff)

Skills

Six Sigma

Lean Manufacturing

ISO 9001

FMEA Analysis

SPC (Statistical Process Control)

Root Cause Analysis

Minitab

Languages

English

Profile

A Senior Quality Engineer with 5 years of experience in driving process improvements, implementing quality management systems, and leading cross-functional teams to achieve organizational goals. Proven expertise in root cause analysis, risk management, and lean manufacturing principles. Demonstrated ability to develop and execute quality control plans while ensuring compliance with industry standards and regulations. Adept at fostering a culture of continuous improvement, reducing costs, and enhancing customer satisfaction.

Employment History

Senior Quality Engineer at Northrop Grumman, AL

May 2023 - Present

- Successfully led a team of 5 quality engineers in reducing the defect rate of aircraft components by 30% within one year, resulting in savings of over \$2 million in rework costs and improving overall production efficiency.
- Implemented a new statistical process control system that increased the detection of non-conforming products by 25%, preventing over 100 potential quality issues from reaching customers and maintaining a 99.5% customer satisfaction rate.
- Spearheaded the development and execution of a comprehensive supplier quality improvement program, which increased on-time delivery rates by 20% and reduced supplier-related defects by 15%, contributing to a 10% reduction in overall manufacturing lead time.

Quality Engineer II at Raytheon Technologies, AL

Sep 2018 - Apr 2023

- Led a team of 5 engineers in reducing the defect rate of a critical product line by 35% within 6 months, resulting in annual cost savings of \$1.2 million and increased customer satisfaction.
- Implemented a new statistical process control system that improved overall production efficiency by 20% and reduced waste by 15%, saving the company \$750,000 annually.
- Conducted root cause analysis on a recurring issue affecting product performance, identifying and resolving the problem within 3 months, which led to a 25% improvement in product reliability and a 10% increase in customer satisfaction ratings.
- Developed and facilitated a comprehensive quality training program for 50 employees, resulting in a 30% reduction in non-conformance reports and a 15% increase in on-time delivery rates.

Certificates

Certified Quality Engineer (CQE) from the American Society for Quality (ASQ)

Oct 2021