

Lucas Kucza

Engineering/Quality Professional located in Denver

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Professional Summary

Dynamic Quality Assurance Specialist with over 5 years of manufacturing and quality control experience. Demonstrated expertise in interpreting engineering drawings, precision measurement, and writing detailed quality documentation. Proven ability to identify discrepancies, implement corrective actions, and drive process improvements in fast-paced environments while collaborating cross-functionally.

Work Experience

Process Engineer

Milwaukee Precision Casting | Milwaukee, WI

April 2024 to July 2026

- Utilized precision measurement tools and coordinate measuring machine to verify up to 50 dimensions per part, ensuring compliance with GD&T specifications and engineering drawings
- Completed first article and in-process inspection reports and PPAP documentation to maintain quality assurance standards
- Created detailed process sheets, scrap reports, and training documentation, contributing to a 65% improvement in on-time shipping performance
- Negotiated RFQs with machine shops for specialized runs, achieving cost savings exceeding \$10,000
- Conducted plant tours for customers, vendors, and interviewees to communicate quality and process standards
- Collaborated with internal quoting teams to develop cost sheets based on markup, material, part quantity, and weight
- Monitored wax, dip, and foundry rooms to ensure tooling was current and compliant
- Teardown, troubleshoot, and rebuild tooling to maximize production capacity and efficiency

Quality Control Inspector

Global Power Components | Milwaukee, WI

March 2022 to April 2024

- Performed detailed inspections of exhaust units, fuel tanks, containment basins, and generator housing units ranging from 3 to 130+ feet, ensuring dimensional and quality compliance
- Read and interpreted blueprints and engineering drawings to verify measurement congruency and adherence to specifications
- Inspected welds for porosity, undercut, and consistency to maintain structural integrity
- Conducted both in-process and final inspections of generator housing units to ensure quality standards were met

Furniture Assembler

Dining furniture showcase | West Allis, WI

April 2019 to March 2022

- Conducted quality control inspections on chairs and tables to ensure product standards were met
- Maintained organized inventory and stock management to support efficient warehouse operations
- Assisted customers with loading furniture, ensuring safe handling and delivery

Press Operator

C&R Industries | Milwaukee, WI

June 2018 to January 2019

- Operated break presses ranging from 60 to 110 tons and a 90-ton hydraulic press to cut and shape parts according to manufacturing specifications
- Ensured precision and quality in production processes by following detailed instructions and safety protocols

Garde Manger

Hinterland Gastropub | Milwaukee, WI

January 2017 to May 2018

Team Memeber

Tall Guy & a Grill Catering | Wauwatosa, WI

May 2016 to December 2016

Banquet Server

The Madison Club | Madison, WI

November 2015 to May 2016

Prep Chef and Server

Tall Guy & a Grill Catering | Wauwatosa, WI

April 2015 to November 2015

Barback

Cuvee kitchen and wine bar | Milwaukee, WI

February 2015 to October 2015

Delivery driver

Glass Nickel Pizza Company | Brookfield, WI

April 2014 to November 2014

Assistant banquet manager

Wisconsin City & Country Club LLC | Milwaukee, WI

November 2010 to March 2014

- Managed event operations including scheduling and coordinating staff of 35 servers to ensure flawless execution
- Conducted pre-event staff meetings to communicate expectations and quality standards
- Acted as liaison between guests, servers, and culinary staff to resolve issues and exceed guest satisfaction
- Trained new servers and supervised banquet service to maintain high-quality standards

Education

High School Diploma

Cudahy High School | Cudahy, WI

2012

Skills

Blueprint reading	Quality Control	Quality Documentation	Precision Measurement	GD&T
Inspection reporting and documentation	Non-Conformance	Communication skills	Problem solver	
Manufacturing	Vendor management	Negotiation	Cross-functional collaboration	Process Sheets
Calibration				

Languages

English

Certifications and Licenses

Driver's License

Additional Information

Applicable Skills

- Quick problem solver
- Courteous and professional demeanor
- Good communication skills
- Organized and efficient
- Thrive in fast-paced environment