

Terry Lawson

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Professional Summary

With over 18 years of experience in QC inspection (primarily within the Aerospace industry), I bring a proven track record in implementing and maintaining quality standards. I ensure compliance, and managing teams to achieve operational excellence. Also known for my exemplary time management skills and ability to work independently across various shifts. I am dedicated to continuous professional growth and contributing to organizational success.

Willing to relocate: Anywhere

Work Experience

Quality Inspector III

Primus Aerospace | Lakewood, CO

February 2026 to Present

- Worked the day shift running and programing four separate CMM's (2X Zeiss/Calypso and 2X Brown and Sharp/PC-DMIS).
- Performed FAI's/standard inspections with various types of inspection tools.

QC Inspector IV/ QI-Lead

ExoTerra Resource | Littleton, CO

July 2024 to November 2025

- Worked the Day shift, reviewed drawings, trained new inspectors, and managed the QC lab.
- Set up and sourced the company inspection lab tools and equipment.
- Created the lab inspection standards, paperwork, and daily processes.
- Performed FAI's/standard inspections with various types of inspection tools.
- Self-taught to program, run, and train for:

HITACHI XRF FT210 – Measures the thickness and chemical composition of various materials.

KEYENCE IM-8000 – A Hybrid CMM and Comparator with very limited range.

KEYENCE XM-2000 – Handheld Probe Coordinate Measuring Machine with limited range.

Quality Inspector III

NFT | Golden, CO

December 2023 to July 2024

- Worked the Day shift running and programing two separate CMM's(2X Zeiss/ Calypso)
- Performed FAI's/standard inspections with various types of inspection tools.

QC Inspector II

Primus Aerospace | Lakewood, CO

June 2023 to December 2023

- Worked the Evening/Weekend shift running and programing four separate CMM's (2X Zeiss/Calypso and 2X Brown and Sharp/PC-DMIS).
- Performed FAI's/standard inspections with various types of inspection tools.

QC Inspector II

Barber-Nichols Inc. | Arvada, CO

June 2021 to June 2023

- Worked the Evening/Weekend shift running and programing four separate CMM's (4X Hexagon/PC-DMIS & 2X Unknown/CMM manager).
- Performed FAI's/standard inspections with various types of inspection tools.
- Performed IPC-610 (H) inspections. Certified from Jan 2022 – Jan 2024

QC Inspector II

Spyder Co, Inc. | Golden, CO

September 2019 to May 2021

- Worked the Day/Evening shifts creating the lab inspection standards, paperwork, and daily processes.
- Performed FAI's/standard inspections with various types of inspection tools.
- Reviewed drawings, Trained new inspectors, and managed the QC lab.

QC Inspector II

Superior Metal Products, Inc. | Louviers, CO

February 2017 to September 2019

- Worked the Day shift running and programing two separate CMM's (2X Unknown/CMM manager). Trained by J. Huppenthall
- Performed FAI's/standard inspections with various types of inspection tools.

QC Inspector II

Accu-Precision | Littleton, CO

October 2014 to February 2017

- Worked the Day shift running and programing a CMM (1X Zeiss/Calypso). Trained by J. Huppenthall
- Performed FAI's/standard inspections with various types of inspection tools.
- Self-taught to program, run, and train for: Mitutoyo Formtracer SV-C4500

QC Manager

Salco, Inc./ Colorado Precision Machining | Westminster, CO

January 2013 to October 2014

- Worked the Day shift as QC manager, creating the lab inspection standards, paperwork, and daily processes.
- Performed FAI's/standard inspections with various types of inspection tools.
- Reviewed drawings, trained new inspectors, and managed the QC lab.

Quality Control Shift Lead

Vforge. | Lakewood, CO

April 2011 to January 2013

- Worked the Day shift as QC Shift Lead, creating the lab inspection standards, paperwork, and daily processes.
- Ran and programed CMM's (2X Brown and Sharp/PC-DMIS).
- Performed FAI's/standard inspections with various types of inspection tools.
- Reviewed drawings, trained new inspectors, and managed the QC lab.

QC Inspector

Vforge. | Lakewood, CO

March 2009 to April 2011

- Worked the Day shift running and programing CMM's (2X Brown and Sharp/PC-DMIS).
- Performed FAI's/standard inspections with various types of inspection tools.

QC Inspector

Davis Manufacturing | Denver, CO

April 2008 to March 2009

- Worked the Day shift learning the basics of GD&T, the use of various inspection tools/equipment, and proper inspection practices.
- Performed FAI's/standard inspections with various types of inspection tools.

Education

Psychology (Student)

University of Phoenix/Axia-Online College

2007 to 2009

High School Diploma

Columbine High School

September 1996 to May 2000

Upper secondary education

Skills

Technical documentation Coordinate measuring machine Quality systems Fishbone diagrams
Data entry Project leadership Vendor communication Team leadership Manufacturing standard
operating procedures Micrometer Microscope proficiency Quality control inspection Report
writing Quality control within aerospace industry Precision measurement in machining ISO 9001
Problem-solving Quality Assurance Inspection gauge Microsoft Excel Quality assurance in
testing Writing skills ERP systems Hand tools Safety protocol adherence Blueprint specification
interpretation Quality assurance within manufacturing Plastics injection molding Computer
skills Measuring instruments Precision Measuring Instruments Statistical analysis Quality data
entry Calibration Process improvement planning Fabrication Electrical systems GMP Quality
control communication Record keeping Hardness testers Procedural guides Quality control
within automotive industry Visual inspection for quality control Metal fabrication Quality control
statistical data analysis Quality control data analysis Quality control corrective actions Employee

relationship building Quality audits Electrical schematic reading and interpretation Microsoft Office Regulatory compliance Calipers Conducting training sessions Horticulture Mechanical drawings Quality control process implementation - Quality control processes implemented (More than 4 processes) Management Smart Scope Deltronic Pin Gages Continuous improvement Root cause analysis Quality flowcharts Customer complaint resolution Calypso ZZ- Pin Gages Customer communication Drop gages Six Sigma Quality control problem-solving Project management in manufacturing ISO certification audits Computer literacy Trigonometry Auditing experience within manufacturing industry CMM dimensional inspection Shop math Productivity software Test Planning (Quality assurance practices) Schematics Tri-Mics First article inspection IM-8000 Vision System Quality assurance standard operating procedures Blueprint dimension interpretation Dial indicators Quality control report writing Communication skills Non-destructive testing Vision inspection system Regulatory/legal compliance standards in production Various Comparators Corrective and preventive actions (CAPA) Quality control Manufacturing facility Manufacturing company experience Various Height Gages Cross-functional communication Measurement-based inspection Forklift Time management Inspection reporting and documentation Attention to detail Typing Managing quality control inspection teams - Largest quality control inspection team managed (11-15 team members) FMEA IPC 610 PC-DMIS Basic math Production process auditing Mechanical blueprint interpretation Data interpretation Quality control within electronics industry Quality assurance within aerospace industry Control charts Coordinate measuring machines (CMMs) Microsoft Outlook Packaging ASME codes & standards Manufacturing Sampling inspection Quality control calibration Document management Height gauges Dimensional inspection FDA regulations Technical Proficiency Data analysis software ISO certification process Bore gauges Measurement (quality control) Various Thread Plug/Ring gages XRF-FT2000 AS9100 Data collection Quality check sheets Communication with suppliers Filing Microsoft Word Computer operation Quality management Quality control documentation Internal Audits GD&T Compliance monitoring Welding CMM programming QA/QC Lean manufacturing Supervising experience Profilometer - SJ210 Cadillac gage Document quality checks Program design Production in-process inspection Mechanical knowledge Quality Inspection - Quality control inspection experience (16-20 years) Dimensional measurements Quality standards in production Electrical experience Quality control audit

Languages

English

Certifications and Licenses

Safety Training for Radiation Safety for X-ray Tube Based Instruments

February 2024 to February 2025

Trained in the proper use of a handheld X-ray Testing Gun.

Certified IPC Specialist

January 2022 to January 2024

Certified to inspect to IPC-A-610 (H)

Driver's License

Additional Information

Authorized to work in the US for any employer