

Brian Scott

Quality Engineer

Quality engineer with 6 years of experience in manufacturing inspection, SPC analysis, ISO 9001 auditing, and non-conformance reduction. Analyzed SPC data in Minitab across 9 product families and issued process change notices that cut scrap costs by $68,370 annually. Skilled in root cause analysis, CMM inspection, GD&T, SAP, and Power BI.

CONTACT INFORMATION

(256) 555-0125

dimitri.tolliver@example.com

Albertville, AL

KEY SKILLS

- Minitab
- SAP
- SPC charting
- ISO 9001
- Root cause analysis
- GD&T
- CMM inspection
- APQP
- Power BI

PROFESSIONAL EXPERIENCE

2023 - Present

Quality Engineer | Tennessee Valley Fabricators LLC, Albertville, AL

- Trained 37 staff members on updated quality procedures covering inspection methods, non-conformance reporting, and documentation standards across 2 shifts.
- Reduced non-conformance incidents from 84 to 41 per year by revising incoming material acceptance criteria and adding hold-point inspections at 3 stations.
- Analyzed SPC data in Minitab for 9 product families, identifying assignable causes and issuing 14 process change notices that cut scrap costs by $68,370 annually.
- Completed production reports and material lists for 11 active work orders each week, ensuring engineering drawings stayed current with revision-level changes.

2021 - 2023

Quality Engineer | Coosa River Precision Group, Gadsden, AL

- Revised incoming inspection work instructions for 19 operators, cutting operator rework by 27 hours per quarter within the first 6 months.
- Led root cause investigations on 53 non-conformance reports per year using fishbone and 5-why methods, documenting findings and containment actions in SAP.
- Recorded and verified engineering drawing updates for 46 part numbers after design changes, keeping the document control database accurate within a 24-hour turnaround.
- Conducted 11 internal audits annually against ISO 9001 requirements, identifying 7 findings and tracking each to closure within an average of 13 days.

2020 - 2021

Quality Technician | Marshall Ridge Manufacturing Co., Guntersville, AL

- Performed dimensional inspections on 74 parts per shift using CMM equipment, recording measurements in SPC software to flag process drift before non-conformances occurred.
- Prepared purchase orders and equipment lists for calibration supplies, keeping 18 gauges and fixtures on a 90-day verification schedule.
- Supported training of 12 new hires on quality procedures for the weld shop, covering visual inspection criteria and non-conformance tagging within their first 2 weeks.

EDUCATION

Bachelor of Science, Industrial and Systems Engineering

University of Alabama in Huntsville, Huntsville, AL | 2016 - 2020