

Justin Flores

justinflores1008@gmail.com | 7204104879

PROFESSIONAL SUMMARY

Skilled Manufacturing Technician with 10+ years of experience operating and maintaining industrial equipment. Expertise in troubleshooting, process improvement, and quality assurance. Dedicated to minimizing downtime and maximizing production efficiency.

PROFESSIONAL EXPERIENCE

Locomotive Engineer

BNSF | Denver, CO

06/2013 – 03/2023

- Operated locomotives safely and efficiently, ensuring adherence to precise schedules.
- Identified and addressed mechanical issues promptly, reducing downtime.
- Trained and mentored a team of 64 new engineers, enhancing operational expertise.
- Collaborated with dispatchers and crews to optimize route selection and minimize delays.
- Implemented safety protocols resulting in a decrease of incidents.

Keg Specialist

MillerCoors | Denver, CO

2011 – 2013

- Improved keg turnaround efficiency by maintaining consistent cleaning and filling workflows
- Reduced product loss by closely monitoring fill levels and carbonation accuracy
- Supported high-volume production by ensuring timely preparation and availability of sanitized kegs
- Contributed to a safe work environment by strictly following OSHA and brewery safety standards.

Quality Control

Vestas | Pueblo, CO

2009 - 2011

- Conducted inspections on wind turbine tower sections to ensure compliance with engineering specifications and industry standards
- Performed dimensional checks, weld inspections, and surface quality evaluations throughout production stages
- Utilized measurement tools (calipers, gauges, ultrasonic testing equipment) to verify product integrity
- Monitored production processes to ensure adherence to quality control procedures and documentation requirements
- Identified defects, non-conformities, and deviations, escalating issues for corrective action
- Maintained detailed inspection reports and quality documentation in compliance with company and regulatory standards
- Collaborated with production, welding, and engineering teams to resolve quality issues and improve processes
- Ensured compliance with safety standards and quality systems such as ISO requirements
- Supported audits and participated in continuous improvement initiatives

CMM

Trane | Pueblo, CO

2003 - 2009

- Operated and programmed Zeiss CMM to inspect high-precision aerospace components, achieving 99% measurement accuracy.
- Interpreted engineering drawings and GD&T to verify component dimensions and tolerances.
- Generated detailed inspection reports using PC-DMIS software for engineering and quality review.
- Calibrated CMM probes and fixtures to maintain measurement integrity and compliance with ISO standards.
- Assisted in process improvement by identifying recurring deviations and suggesting corrective actions.

Justin Flores

justinflores1008@gmail.com | 7204104879

SKILLS

Technical Skills

- Production & Operations: Assembly line operations, process optimization, workflow management
- Equipment & Machinery: CNC machines, PLC programming, robotics, hydraulic/pneumatic systems
- Quality & Safety: ISO standards, Six Sigma basics, Lean Manufacturing, Kaizen, 5S, quality control, inspection
- Maintenance & Troubleshooting: Preventive maintenance, equipment repair, troubleshooting machinery
- Materials & Tools: Metalworking, plastics processing, fabrication

Soft Skills

- Attention to detail
- Problem-solving
- Team collaboration
- Time management
- Analytical thinking
- Adaptability in fast-paced environments

Certifications

- OSHA Safety Certification
- Certified Production Technician (CPT)
- Machining certifications