

GREG ERICKSON

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I am a detail-oriented professional with 33+ years of experience and proven knowledge of computer-aided engineering, process development, Quality inspection and Continuous Improvement and product manufacturability. I aim to leverage my skills to successfully fill a role at your company. I grew up on a dryland (non-irrigated) farm / ranch in north east Colorado. I have worked on many type of farm equipment such as discs, plows, rakes, tractors, grain carts, farm trucks and combines. I started helping out on the farm / ranch at age 10.

Professional Experience

VESTAS , Windsor Colorado

Technical Support Technician (Sep 2025 to Apr 2026)

Yellow shift blades (Dec 2024 Sept 2025)

Prep and finish both 110 and 163 blades for paint.

Laminate, putty and sand all areas of blades.

COLORADO POWE ELECTRONICS, Fort Collins, CO

Mechanical Assembler, February 2023 - November 2024

Build wiring harnesses from samples.

Create miscellaneous standoffs for wire looms.

Modify electrical cabinets for different applications.

MANES MACHINE, FORT COLLINS, CO

Manufacturing Engineer, November 2021 – November 2022

Utilize Catia V5 to create 3D models and process drawings for manufacturing precision parts and components.

Create and edit job templates with JobBOSS to ensure accurate and efficient manufacturing processes.

Create and manage tasks in Unipoint to track progress and ensure the timely completion of production objectives.

Collaborate closely with machinists to optimize part cycle times and improve production efficiency.

Develop and implement process improvements and best practices to streamline production and reduce waste.

J&B Machine, LLC, Fort Collins, CO

Machinist, December 2020 – September 2021

Operate and program various machines, including a vertical machine center, to produce high-quality parts and components for clients in multiple industries.

Read and understand drawings and the proper methods of inspection required to ensure product meets requirements.

Set up and troubleshoot machines to ensure maximum efficiency and productivity, minimizing downtime and delays.

Use precision measuring tools such as micrometers, gauges, and dial indicators to verify dimensions and ensure that parts meet specifications.

Collaborate with design and engineering teams to develop and refine machining processes that meet customer requirements and optimize production.

Maintained a clean and organized work area, adhering to safety guidelines and ensuring compliance with all company policies and procedures.

WOODWARD, FORT COLLINS, CO

Senior Manufacturing Engineer, July 1992 – October 2020

Create CNC programs and inspection templates for sinkers (many CNC Machines) and EDM machines.

Create process drawings, inspection templates, and routings (information and steps for the production of parts).

For quality aspects, I was a six-sigma Greenbelt. I participated in Ghemba walks, Lean Manufacturing, and Root Cause Analysis working with a team to continually improve manufacturing processes.

New Product Introduction and verified part designs for manufacturing. I worked with a project manager, mechanical engineers, and tool design in the development of new products or parts that would be machined in house. I used the following methods: Process Failure Mode and Effects Analysis, Root Cause Analysis, Continuous Process Improvement, 5S and Six Sigma. For each new part(s) I created the master routing (steps to produce the part), Process drawings (if needed), the inspection method and frequency of inspection, and lean manufacturing.

First Article Inspection (FAI) is a ISO 9001 requirement for new part releases.

Continuous Improvement - 3 years of part time reviews of Non Conformance Reports with a team to determine true root cause (Using Root Cause Analysis) of part defects and to establish and prove a Correction Action Plan.
Set up and run CNC machine centers vertically (Haas, Fanuc, Makino) and Horizontals (Matsurs, and Makino).
Set up and run manual mills, grinders, and lathes.
Set up and run CNC Lathes (Fanuc, Matsuura, Okuma, and Miyano).
Created and powder-coated sheet metal parts.
Read and understand CNC code and also use applications to generate programs.
Create CNC programs for lathes, verticals, and horizontal machine centers.
Process non-conformance reports and work with engineering to see if parts can be made to conform, reworked, or discarded.
Communicate with outside vendors, machine shops, engineering, and management to ensure compliance with company standards.
Create, read and understand drawings and the proper methods of inspection required to ensure product meets requirements.
Use of multiple types of inspection equipment (calipers, OD and ID micrometers, height gages, plug and thread gauges, hardness testers, and programming CMM machines and checking parts.
Work with machine repair to get machines up and operational.
Work regularly with Pro-E, Creo Parametric, - both 3D modeling, and drawing softwares.
Tool designs such as electrodes, cutting tools, and holding fixtures.
Performed MIG and TIG welding on various materials, including steel, stainless steel, and aluminum.
Completed welding projects ranging from minor repairs to large projects, including electrical enclosures.
Electrical assembly of circuit boards and assemblies. (3 years experience)
Mechanical assembly of governors (housings, inserts, internal components, and retention screws/ bolts. (10 years experience)
Worked in stockroom / warehouse, picked and issued inventory components to work orders. (2 years experience)
Ensured compliance with all safety regulations.

NUNN FIRE PROTECTION DISTRICT, NUNN, CO Volunteer Captain, March 1993 – September 2013

Set up and scheduled fire service and medical training.
Licensed EMT-B and on-the-scene-patient care.
Response to emergency calls such as traffic accidents, human health incidents and fires.

Education

AIMS COMMUNITY COLLEGE, GREELEY, CO

Associate of Applied Science in Fire Science Technology: Fire Suppression Technology and Fire Protection Technology.

Graduation Date: December 5, 2001.

Additional Skills

Microsoft Office

Vericut

Esprit

PRO - E and Creo Parametric

Catia V5

Tig and Mig welding (5 years)

Sheet metal (3 years)

Automotive Painting (2 years)

Auto and truck (Tractor / Trailer) mechanic (1 year)

Auto body and painting (5 years)

Automotive and motorcycle restorations (10 years)

References:

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