

Carl A. Richards

Summary of Qualifications

- | | |
|---|--|
| <ul style="list-style-type: none"> ▪ Over twenty years' experience in the manufacturing industry. ▪ Experienced in setup and operation of CNC mills and lathes. | <ul style="list-style-type: none"> ▪ Familiar with Mastercam CAD/CAM software. ▪ Excellent interpersonal and communication skills. |
|---|--|

Experience

| | | |
|---------------------|-----------|--------------|
| Mar 2017 to Present | SAFE Inc. | Monument, CO |
|---------------------|-----------|--------------|

Head Machinist

- Machining of tight-tolerance Research and Development (R&D) specimens and fixtures to support FAA certification programs.
- Lead Quality Assurance machinist responsible for inspection procedures and inspection of incoming parts.
- Computer Numerically Controlled (CNC) machinist employing Mastercam for R&D, military & commercial aviation applications.

| | | |
|----------------------|------------------------------|----------------------|
| Mar 2012 to Mar 2017 | R B Precision Machining Inc. | Colorado Springs, CO |
|----------------------|------------------------------|----------------------|

Shop Supervisor

- Monitored and adjusted the production schedule to maintain on time deliveries.
- Procured all tooling and fixturing for each job.
- Ensured effective communication between shifts.
- Adjusted staffing needs as required.
- Coordinated with other departments within the production process.

| | | |
|----------------------|----------------------|----------------------|
| Mar 2011 to Mar 2012 | Absolute Machine Co. | Colorado Springs, CO |
|----------------------|----------------------|----------------------|

CNC Machinist

- Programed, setup, and operated CNC mills and lathes.
- Verified completed product met blueprint specifications.
- Adjusted processes as required to meet customer product manufacturing requirements.

| | | |
|----------------------|-----------------------------|----------------------|
| Apr 2009 to Feb 2011 | Woodland Park Mold and Tool | Colorado Springs, CO |
|----------------------|-----------------------------|----------------------|

CNC Machinist

- Programed, setup, and operated CNC mills and lathes to support product research and development.
- Designed and manufactured special tooling and fixtures.
- Verified completed product met blueprint specifications.
- Developed first article and in-process inspection requirements.

| | | |
|----------------------|--------------------------|----------------------|
| Jan 2004 to Jan 2009 | Minco Manufacturing, LLC | Colorado Springs, CO |
|----------------------|--------------------------|----------------------|

Production Supervisor

- Insured safe work environment for all employees.
- Analyzed and resolved employee work related problems.
- Identified employee skill levels and estimated staffing requirements.
- Assured appropriate product inventory level was maintained.
- Responsible for maintaining the data collection system.

| | | |
|----------------------|------------------------------------|-----------------|
| Jan 2003 to Nov 2003 | Manes Machine and Engineering Inc. | Ft. Collins, CO |
|----------------------|------------------------------------|-----------------|

CNC Machinist

- Setup and operated CNC mills, lathes, wire EDM and grinders.
- Verified conformance of machined part to blueprint specifications.
- Programed CNC mills and lathes using CAD/CAM software.
- Manufactured special fixtures and tooling.

Carl A. Richards

| | | |
|--|-----------------------|----------------------|
| Oct 2001 to Sep 2002 | General Machine Inc. | Colorado Springs, CO |
| CNC Machinist <ul style="list-style-type: none"> ▪ Setup and operated CNC machine tools. ▪ Qualified inspection tools and indicators. ▪ Programed CNC mills and lathes. ▪ Optimized programs to speed up the machining process. ▪ Performed in-process inspections on completed parts. | | |
| Feb 1996 to Aug 2001 | Howland Machine Corp. | Colorado Springs, CO |
| Team Leader <ul style="list-style-type: none"> ▪ Setup and operated CNC mills and lathes. ▪ Edited programs to ensure accuracy of machining operations. ▪ Inspected product and document in-process inspection results. ▪ Performed and recorded statistical process control measures. ▪ Assisted team members with machining problems. | | |
| Oct 1994 to Jun 1995 | Eaton Corporation | Marshall, MI |
| CNC Machinist <ul style="list-style-type: none"> ▪ Operated CNC mills and lathes. ▪ Performed in-process inspection of completed parts. ▪ Qualified inspection equipment to ensure precision measurement. ▪ Reworked rejected parts to serviceable condition. | | |
| Education | | |
| <p>USAF School of Applied Aerospace Sciences, Sheppard AFB, TX USAF, Tyndall AFB, FL</p> <ul style="list-style-type: none"> ▪ Supervisor Course <p>USAF, Kirtland AFB, NM</p> <ul style="list-style-type: none"> ▪ Quality Awareness Course <p>Kellog Community College, Battle Creek, MI</p> <ul style="list-style-type: none"> ▪ Industrial Machine Tool Program <p>Howland Machine Corp., Colorado Springs, CO</p> <ul style="list-style-type: none"> ▪ Geometric Dimensioning and Tolerancing Course <p>Pikes Peak Community College, Colorado Springs, CO</p> <ul style="list-style-type: none"> ▪ Mastercam Training | | |