

Jason Adams

Machine Operator

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Lead machine operator with 16 years on CNC, EDM, and grinding cells in aerospace and defense plants. Runs a 12-person crew across 2 shifts, owns first-article approval, and coordinates with planners on hot jobs. Helped a Tier 1 supplier hold AS9100 audit with zero major findings two cycles in a row.

Professional Experience

Lead CNC Operator / Cell Lead | Sonoran Aerospace Manufacturing, Mesa, AZ
2019 – Present

- Lead a 12-operator cell running 8 Makino mills and 3 Mitsubishi wire EDMs on titanium and Inconel parts
- Raised cell on-time delivery from 81% to 96% over 18 months by re-sequencing setups and pre-staging tooling
- Own first article inspection sign-off on all new part numbers, last 240 FAIs accepted by quality without rework
- Investigated a recurring chatter problem on a thin-wall housing and cut scrap dollars by about \$112,000 a year
- Run daily tier 1 huddles, write the shift pass-down, and escalate machine downtime to maintenance leadership

Senior CNC Machinist | Saguaro Defense Components, Chandler, AZ
2014 – 2019

- Programmed and ran 5-axis DMG MORI mills on missile component housings to ± 0.0002 "
- Wrote setup sheets and tool lists later adopted as the standard format across 3 cells
- Reduced tooling spend on the housing job by 23% through carbide insert standardization
- Filled in as acting cell lead during PTO and covered Saturday overtime planning
- Audited operator paperwork weekly to keep the floor ready for surprise AS9100 spot checks

CNC Machinist | Pikes Peak Precision, Colorado Springs, CO
2010 – 2014

- Ran 3-axis Haas VF series mills on satellite bracket work in aluminum 6061 and 7075
- Held tolerances to ± 0.001 " and learned probing routines on the Renishaw OMP60
- Trained 5 apprentices on edge finding, work offsets, and basic G-code troubleshooting
- Wrote the shop's first preventive maintenance checklist for the mill cell

Machine Operator | Front Range Metalworks, Pueblo, CO
2007 – 2010

- Operated manual Bridgeport mills and engine lathes on job shop one-offs and small runs
- Moved into CNC mill operation after 14 months and ran a Fadal VMC unsupervised by year two
- Logged the lowest scrap rate on the night crew, 0.6% across the year
- Helped install a new chip handling system over a weekend shutdown

Education

AAS, Manufacturing Technology, Pikes Peak State College, 2009

NIMS Level II, CNC Milling Programming, Setup & Operations, 2015

AS9100D Internal Auditor Training, 2021

OSHA 30-Hour General Industry, 2020

Key Skills

- Cell leadership across 2 shifts
- Wire EDM operation (Mitsubishi)
- Titanium, Inconel, and stainless machining
- Renishaw probing and on-machine inspection
- Tier 1 huddles and shift pass-down
- Lockout/tagout program ownership
- 5-axis CNC mill setup and operation (Makino, DMG MORI)
- Mastercam and Esprit familiarity
- First article inspection and AS9100 documentation
- Tooling standardization and cost reduction
- Training, mentoring, and skills matrix management
- Lean and kaizen facilitation