

Brandon Fischer

Mill Operator

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SUMMARY Mill Operator with 5 years running CNC mills and manual Bridgeports in a precision job shop. Works from blueprint reading to finished part, sets tooling and work offsets, and checks features with micrometers, calipers and height gauges to hold tolerances of ±0.0005 in. on valve and pump components.

EDUCATION **Certificate** 06/2021
Erie County Technical School
Machine Tool Technology Erie, PA

EXPERIENCE **Mill Operator** 01/2023 – Present
Lake Erie Precision Machining Erie, PA
Machine valve bodies and pump housings for industrial fluid equipment makers.

- Ran 2 CNC vertical mills on second shift, completing **120** valve bodies a week with a 0.5% scrap rate.
- Loaded tooling and set work offsets for 15 setups a week, working independently with minimal supervision.
- Measured bores and flatness with micrometers, calipers and height gauges, recording every check on the inspection sheet.
- Adjusted feeds and speeds with the programmer on 3 hard-alloy parts, cutting cycle time by 12% on each.

Machine Operator 08/2021 – 12/2022
Presque Isle Tool & Die Erie, PA
Operated manual mills and surface grinders in a die and fixture shop.

- Machined 40 to 60 fixture plates a month on a manual Bridgeport mill to blueprint dimensions and finish specs.
- Performed surface grinding on die components, holding flatness within 0.0002 in. on most jobs for 6 toolmakers.
- Sharpened, labeled and organized tooling in the crib, cutting tool search time for 6 machinists by about half.
- Unloaded steel bar stock by forklift and logged material using basic computer skills for the shop manager.

SKILLS CNC Mills • Blueprint Reading • Micrometers • Calipers • Tooling • Height Gauges
Surface Grinding • Forklift • Basic Computer Skills • Mechanical Aptitude

CERTIFICATES **NIMS Machining Level I: Milling**
National Institute for Metalworking Skills
05/2022